



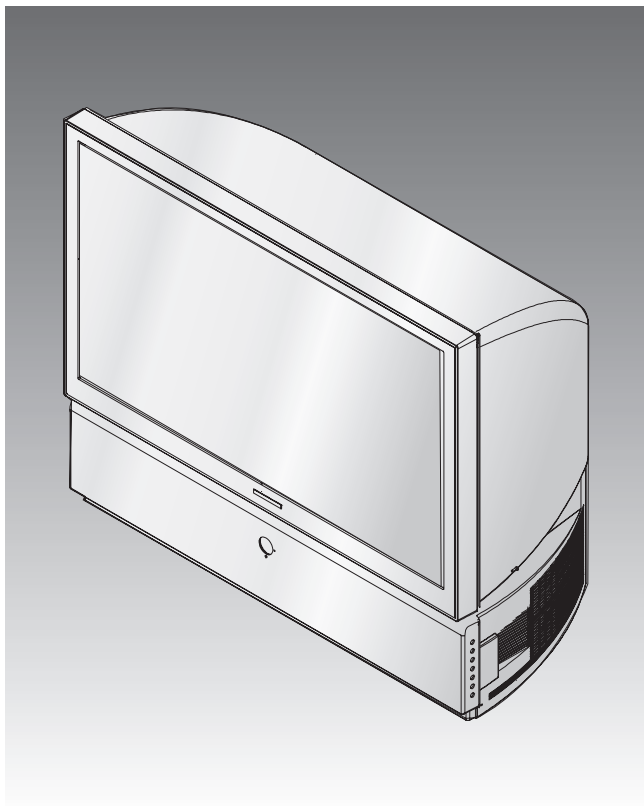
PROJECTION TV RECEIVER

Chassis : P60B(N)_Omega-2

Model : SP43Q5HL1X/XAX

SERVICE Manual

PROJECTION TV RECEIVER



CONTENTS

1. Product Specification
2. Alignment & Adjustment
3. Troubleshooting
4. Exploded View & Part List
5. Electrical Part List
6. PCB Diagram
7. Schematic Diagram



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1. Product Specification

Model	HC-R4241W	HC-R4741W	HC-R4351W	HC-R4751W
Voltage	AC 120V			
Frequency of Operation	60Hz			
Power Consumption	240 watts			
Dimension (W x D x H)	1004 x 500 x 967 mm 39.5 x 19.7 x 38.1 inches	1126 x 621 x 984 mm 44.3 x 24.4 x 38.7 inches	1035 x 510 x 888 mm 40.7 x 20.0 x 34.9 inches	1120 x 555 x 939 mm 44.0 x 21.8x 36.9 inches
Weight	40.4 Kg / 89.1 lbs	49.0 Kg / 108.0 lbs	36.4 Kg / 80.2 lbs	39.5 Kg / 87.0 lbs

Model	SP42Q2HL	SP47Q2HL	SP52Q2HL	SP54T8HL	SP43Q5HL1X	SP47Q5HL1X
Voltage	AC 100-240V					
Frequency of Operation	60Hz					
Power Consumption	240 watts					
Dimension (W x D x H)	1004 x 500 x 967 mm 39.5 x 19.7 x 38.1 inches	1126 x 621 x 984 mm 44.3 x 24.4 x 38.7 inches	1226 x 598 x 1276 mm 48.3 x 23.5 x 50.2 inches	1525 x 635 x 1162 mm 60.0 x 25.0 x 45.7 inches	1035 x 510 x 888 mm 40.7 x 20.0 x 34.9 inches	1120 x 555 x 939 mm 44.0 x 21.8x 36.9 inches
Weight	40.4 Kg / 89.1 lbs	49.0 Kg / 108.0 lbs	56.3 Kg / 124.1 lbs	76.0 Kg / 167.5 lbs	36.4 Kg / 80.2 lbs	39.5 Kg / 87.0 lbs

MEMO

2. Alignment & Adjustment

2-1 Service Mode

2-1-1 How to Enter and Exit Service Mode

1. Turn the Power ON and select "STANDARD" for the Screen Adjustment Mode.
2. Turn the Power OFF and put the set in Stand-By Mode.
3. Press these buttons sequentially to enter Service Mode : Mute → 1 → 8 → 2 → Power.
※ If you fail to enter Service Mode, try steps 1, 2 and 3 again.
4. After completing the adjustment, select Reset from Service Mode's initial screen to exit Service Mode and turn OFF the Power.
After exiting, the user's custom starting screen will be selected.
5. Any adjustable data changed will be automatically saved.
→ There is no separate "Save" key.

2-1-2 Initial Display in Service Mode

Deflection
480p offset
1080i offset
Convergence & NR
Video Adjust 1
Video Adjust 2
Video Adjust 3
Video Adjust 4
Video Adjust DNle
Option
CHECKSUM0000
Reset

2-1-3 Button Descriptions for Service Mode

MENU	Full Menu Display / Move to Parent Menu
Direction keys ▲ / ▼	Item Selection by Moving the Cursor
Direction keys ◀ / ▶	Data Increase/Decrease for the Selected Item

2-1-4 Cautions Regarding service Mode

1. Do not adjust the fixed attributes, only the adjustables.
2. For adjustments of RF and 1080i Modes, switch to the respective input source and proceed with the adjustments.

2-2 Factory Data

1. Deflection

No	Item	Initial Data	Range	EEP-ROM Copy Data	Remark
				RF-Mode	
1	V Amp	31	0 ~ 63	28	Adj
2	V Shift	32	0 ~ 63	33	Fix
3	H EW	31	0 ~ 63	31	Adj
4	H Shift	32	0 ~ 63	24	Fix
5	V Llinearity	6	0 ~ 63	0	Fix
6	Upper Llinearity	7	0 ~ 63	0	Fix
7	Lower Llinearity	8	0 ~ 63	7	Fix
8	V SC	3	0 ~ 63	10	Fix
9	H Parabola	10	0 ~ 63	10	Fix
10	Upper Corner	32	0 ~ 63	38	Fix
11	Lower Corner	32	0 ~ 63	31	Fix
12	H Trapezium	32	0 ~ 63	31	Fix
13	Bow	32	0 ~ 63	31	Fix
14	Angle	32	0 ~ 63	31	Fix
15	V Position	32	0 ~ 63	28	Fix
16	CXA Left Blk	32	0 ~ 63	45	Fix
17	CXA Right Blk	32	0 ~ 63	25	Fix

2. 480p offset

No	Item	Initial Data	Range	480p-Mode	Remark
1	V Amp	0	-63 ~ 63	0	Adj
2	V Shift	0	-63 ~ 63	0	Adj
3	H EW	0	-63 ~ 63	0	Adj
4	H Shift	0	-63 ~ 63	0	Adj
5	V Llinearity	0	-15 ~ 15	0	Fix
6	Upper Llinearity	0	-15 ~ 15	0	Fix
7	Lower Llinearity	0	-15 ~ 15	0	Fix
8	V SC	0	-15 ~ 15	0	Fix
9	H Parabola	0	-63 ~ 63	0	Fix
10	Upper Corner	0	-63 ~ 63	0	Fix
11	Lower Corner	0	-63 ~ 63	0	Fix
12	H Trapezium	0	-63 ~ 63	0	Fix
13	Bow	0	-63 ~ 63	0	Fix
14	Angle	0	-63 ~ 63	0	Fix
15	V Position	0	-63 ~ 63	0	Fix
16	CXA Left Blk	45	-63 ~ 63	45	Fix
17	CXA Right Blk	25	-63 ~ 63	25	Fix

3. 1080i Offset

No	Item	Initial Data	Range	1080i-Mode	Remark
1	V Amp	0	-63 ~ 63	0	Adj
2	V Shift	0	-63 ~ 63	0	Adj
3	H EW	0	-63 ~ 63	0	Adj
4	H Shift	0	-63 ~ 63	0	Adj
5	V Llinearity	0	-15 ~ 15	0	Fix
6	Upper Llinearity	0	-15 ~ 15	0	Fix
7	Lower Llinearity	0	-15 ~ 15	0	Fix
8	V SC	0	-15 ~ 15	0	Fix
9	H Parabola	0	-63 ~ 63	0	Fix
10	Upper Corner	0	-63 ~ 63	0	Fix
11	Lower Corner	0	-63 ~ 63	0	Fix
12	H Trapezium	0	-63 ~ 63	0	Fix
13	Bow	0	-63 ~ 63	0	Fix
14	Angle	0	-63 ~ 63	0	Fix
15	V Position	0	-63 ~ 63	-1	Fix
16	CXA Left Blk	50	-63 ~ 63	50	Fix
17	CXA Right Blk	25	-63 ~ 63	25	Fix

4. Convergence & NR

No	Item	Initial Data	Range	RF	Remark
1	Offset Enable	0	0 ~ 1	0	Fix
2	V Amp	15	-63 ~ 63	5	Fix
3	V Shift	0	-63 ~ 63	0	Fix
4	H EW	15	-63 ~ 63	0	Fix
5	V Amp 1080i	15	-63 ~ 63	5	Fix
6	V Shift 1080i	0	-63 ~ 63	0	Fix
7	H EW 1080i	15	-63 ~ 63	5	Fix
8	NR High Ref	40	0 ~ 127	40	Fix
9	NR Low Ref	3	0 ~ 127	3	Fix
10	NR Hight Value	17	-128 ~ 127	17	Fix
11	NR Low Value	51	-128 ~ 127	51	Fix
12	NR Hight Ref (s)	20	0 ~ 127	17	Fix
13	NR Low Ref (s)	0	0 ~ 127	0	Fix
14	NR Hight Value (s)	17	-128 ~ 127	17	Fix
15	NR Low Value (s)	50	-128 ~ 127	50	Fix
16	NR Read M/S				Read Data

5. Video Adjust 1

No	Video Adjust 1 (RF/1080i is Separated)	Initial Data	Range	ALL-Mode (Except 1080i)	1080i	Remark
1	R Cutoff	25	0 ~ 63	25	25	Adj
2	G Cutoff	25	0 ~ 63	25	25	Fix
3	B Cutoff	25	0 ~ 63	25	25	Adj
4	COLOR On/Off	1	0 ~ 1	1	1	Fix
5	CR Offset	32	0 ~ 63	32	32	Adj
6	CB Offset	32	0 ~ 63	32	32	Adj
7	R Drive	25	0 ~ 63	35	35	Adj
8	G Drive	25	0 ~ 63	35	35	Fix
9	B Drive	25	0 ~ 63	35	35	Adj
10	Sub Bright	15	0 ~ 63	15	15	Adj
11	Sub Contrast	7	0 ~ 15	7	7	Adj
12	Sub Color	21	0 ~ 23	23	16	Fix
13	Sub Tint	8	0 ~ 13	8	8	Fix
14	CTI Level	1	0 ~ 3	1	1	Fix
15	COL AXIS	3	0 ~ 3	1	1	Fix
16	LTI Level	1	0 ~ 3	1	2	Fix
17	9405 U-OUT	207	0 ~ 255	207	207	Fix
18	9405 Y-OUT	111	0 ~ 255	111	111	Fix
19	9405 V-OUT	211	0 ~ 255	211	211	Fix

6. Video Adjust 2

No	Video Adjust 2 (RF/1080i is Separated)	Initial Data	Range	ALL-Mode (Except 1080i)	1080i	Remark
1	ABL mode	3	0 ~ 3	3	3	Fix
2	Gamma	2	0 ~ 3	1	1	Fix
3	DPIC Level (DNP)	3	0 ~ 3	3	2	Fix
4	DC Tran	2	0 ~ 3	3	2	Fix
5	ABL TH	15	0 ~ 15	15 (ALL-mode)	15	Fix
6	VM Level	2	0 ~ 3	3 (ALL-mode)	3	Fix
7	VM Coring	0	0 ~ 3	0	0	Fix
8	VM fo	0	0 ~ 3	0	1	Fix
9	VM Limit	0	0 ~ 3	0	0	Fix
10	VM Delay	0	0 ~ 3	3 (Except 480p)	1 (480p)	Fix
11	SHP CD	1	0 ~ 3	1 (ALL-mode)	1	Fix
12	SHP fo	0	0 ~ 1	0	1	Fix
13	SHP f1 & P/O	11	0 ~ 15	13 (ALL-mode)	13	Fix
14	AKB Time	13	0 ~ 31	16	16	Fix
15	YC Delay	30	0 ~ 31	31	31	Fix
16	PIP YC Delay	30	0 ~ 31	30	30	Fix
17	BandPass 9407	2	0 ~ 7	1	1	Fix
18	HighPass 9407	3	0 ~ 7	2	2	Fix

7. Video Adjust 3

No	Video Adjust 3 (All Mode Equality)	Initial Data	Range	ALL-Mode	Remark
1	Pilot Low	10	16 ~ 127	10	Fix
2	Pilot High	16	16 ~ 127	16	Fix
3	H Comp	0	0 ~ 15	1	Fix
4	V Comp	0	0 ~ 15	8	Fix
5	Pin Comp	0	0 ~ 7	0	Fix
6	AFC Comp	0	0 ~ 7	1	Fix
7	Sync Phase	0	0 ~ 1	0	Fix
8	NR Off Value	5	0 ~ 9	0	Fix
9	VSV	2	0 ~ 15	2	Fix
10	Melody Volume	4	0 ~ 20	4	Fix
11	Video Mute Time	500ms	0 ~ 1sec	500ms	Fix
12	S-ABL	0	0 ~ 3	0	Fix
13	P_ABL	0	0 ~ 2	0	Fix
14	PLIMT_LEV	0	0 ~ 2	0	Fix
15	AKB	0	0 ~ 1	0	Fix
16	CLP Gate	1	0 ~ 1	1	Fix
17	Color Kil	198	0 ~ 255	198	Fix
18	Real Time(Hour)	72	0 ~ 255	72	Fix

8. Video Adjust 4

No	Video Adjust 4 (Only Indicated Modes)	Initial Data	Range	Only Indicated Mode	Remark1	Remark2
1	System RF	1	0 ~ 3	1	RF	Fix
2	System_VSD_480p	1	0 ~ 3	1	VSD=AV/SV/DVD	Fix
3	System_1080i	1	0 ~ 3	1	1080i	Fix
4	Shp_Fo_VSD_480p	1	0 ~ 3	1	480p	Fix
5	HPF_VSD	5	0 ~ 1	3	VSD=AV/SV/DVD	Fix
6	BPF_VSD	1	0 ~ 7	1	VSD=AV/SV/DVD	Fix
7	Chrm_bdwth_RF	28	0 ~ 7	28	RF	Fix
8	Chrm_bdwth_Video	28	0 ~ 63	28	Video	Fix
9	Chrm_bdwth_Svideo	30	0 ~ 63	30	S-Video	Fix
10	Chrm_bdwth_DVD	28	0 ~ 63	28	DVD	Fix
11	IF_Comp_RF	2	0 ~ 63	2	RF	Fix
12	IF_Comp_Video	4	0 ~ 7	4	Video	Fix
13	IF_Comp_Svideo	5	0 ~ 7	5	S-Video	Fix
14	IF_Comp_DVD	4	0 ~ 7	4	DVD	Fix
15	VM_Delay_480p	1	0 ~ 3	1	480p	Fix
16	1E Data1 9405	15	0 ~ 15	15	All-Mode	Fix
17	1E Data2 9405	15	0 ~ 15	15	All-Mode	Fix
18	1E Data3 9405	14	0 ~ 15	14	All-Mode	Fix

9. Video Adjust DNle

No	Item	Initial Data	Range	RF	AV/SV/ 480i/480p	1080i	Remark
1	9883 Cr Offset	0	0 ~ 127	0	0	0	Fix
2	9883 Y Offset	0	0 ~ 127	0	0	0	Fix
3	9883 Cb Offset	0	0 ~ 127	0	0	0	Fix
4	NR Scale Max	0	0 ~ 255	0	0	0	Fix
5	NR Scale Min	0	0 ~ 255	0	0	0	Fix
6	NR Sel	0	0 ~ 3	0	0	0	Fix
7	CE Cutoff	0	0 ~ 255	0	0	0	Fix
8	CE Upper	0	0 ~ 255	0	0	0	Fix
9	CE Gain	0	0 ~ 255	0	0	0	Fix
10	CE HPF Gain	0	0 ~ 255	0	0	0	Fix
11	DCE Gain	0	0 ~ 255	0	0	0	Fix
12	CTI Gain	0	0 ~ 15	0	0	0	Fix
13	DEP TH Cor	0	0 ~ 63	0	0	0	Fix
14	DEP OV Gain H	0	0 ~ 255	0	0	0	Fix
15	DEP R INT	0	0 ~ 127	0	0	0	Fix
16	CTE Gain	0	0 ~ 255	0	0	0	Fix

10. Option

MICOM NAME : T-OM2NUS-1XXX

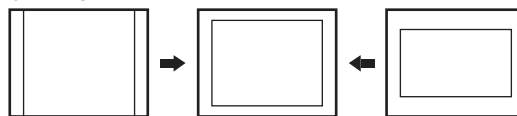
No	Option (61h 50h)	Initial Data	Range	America 42",43",47",52"	South Central America 42",43",47",52"	Canada 42",43",47",52"
1	CRT	4:3	Wide ↔ 4:3	Wide	Wide	Wide
2	PIP	On	On ↔ Off	Off	Off	Off
3	3D-Comb filter	Off	On ↔ Off	Off	Off	Off
4	BBE Effect	On	On ↔ Off	On	On	On
5	Auto Power On	On	On ↔ Off	On	On	On
6	Auto Power On	On	CT(EN+SP+FR), CT-A(E+SP+F)	CT(EN+SP+FR)	CT(EN+SP+FR)	CT(EN+SP+FR)
7	Virtual Dolby	Off	On ↔ Off	Off	Off	Off
8	ACS	On	On ↔ Off	On	Off	Off
9	V Chip(CT,CTA)	On	On ↔ Off	On	Off	Off
10	V Chip Area	USA	USA	USA	USA	USA+CANADA
11	Sub Woofer	Off	On ↔ Off	Off	Off	Off
12	No Sync Mute	On	On ↔ Off	On	On	On
13	AGC	Off	On ↔ Off	Off	Off	Off
14	Turbo Effect	Off	On ↔ Off	Off	Off	Off
15	Burst Screen	Off	On ↔ Off	Off	Off	Off
16	LNA	Off	On ↔ Off	On	On	On
17	Pixelshift	1	1 ~ 5, Off	1	1	1
18	PS Time(MIN)	60	1,30,60,Off	60	60	60

2-3 Screen Change (When adjusting I2C Bus Geometric items)

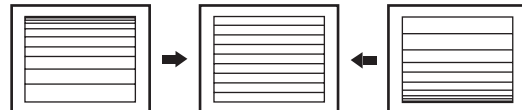
1 V SHIFT



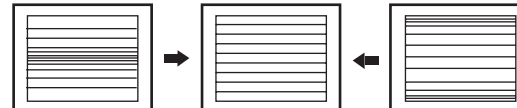
6 V SIZE



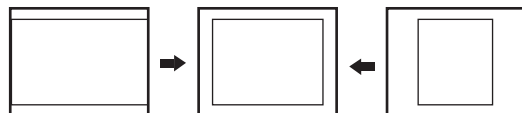
2 V LINEARITY



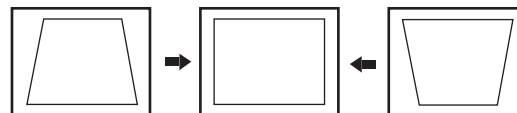
7 V - S - CORRECTION



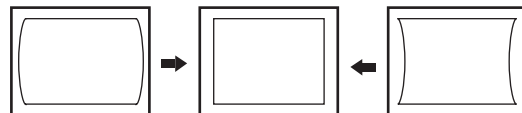
3 H SIZE



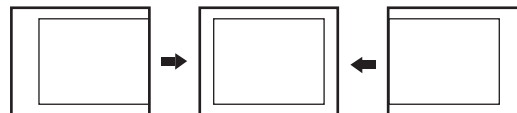
8 PIN PHASE



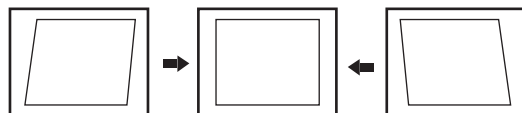
4 PIN AMP



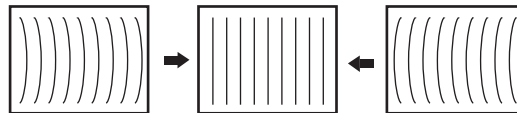
9 H SHIFT



5 V ANGLE



10 V BOW



2-4 Other Adjustments

2-4-1 Screen Adjustment

1. Warm up the TV for at least 30 minutes.
2. Select the "STANDARD" Video Mode.
3. Turn to the Video Mode (No Signal) using a remote-control.
4. Connect an oscilloscope to RK,GK,BK.
5. Adjust the VR Screen (in the Focus Pack) to have 20VP-P for the RK, GK and BK pulse.
(Turn the R, G and B VR screen fully counterclockwise at each flyback line.)
- ※ Voltage adjustment can't be done using a normal multi-tester. For adjustment, use an oscilloscope.
The voltage shown by the tester is false data because the AC peak to peak voltage is adjusted under DC conditions.

2-4-2 White Balance Adjustment

1. Select the "STANDARD" Video Mode.
2. Input 100% white pattern.
3. In the stand-by mode, press the remote-control keys in the following sequence:



4. Warm up the TV for at least 30 minutes.
5. Input a 10-step signal.
6. R-cut off, B-cut off, and G-cut off by pressing the  keys.
7. Adjust the low light with viewing the dark side of the screen.
8. Select R-drive, G-drive, and B-drive by pressing the  keys.
9. Adjust the high light with viewing the light side of the screen.
10. If necessary, redo screen adjustments and 6~9.
11. Press the Add key to exit.

2-4-3 Sub-Brightness Adjustment

1. Input a sub-brightness adjustment signal. (TOSHIBA PATTERN)
2. In the stand-by mode, press the remote-control keys in the following sequence :



3. Select SBT by pressing the  keys.
4. Adjust so that the 63 step on the right side of the screen is not seen (Use the keys).
5. Press the Menu key to exit.

2-4-4 Static Focus Adjustment

Precaution

1. Select the "STANDARD" video mode.
2. Input a crosshatch pattern.
3. Cover the lenses that are not being adjusted.
4. Connect a convergence jig and read data.
5. Adjust the lens for best focus. (See Fig, 2-1)

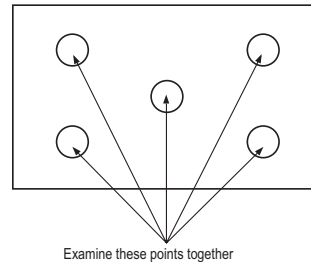


Fig. 2-1 Crosshatch Pattern.

Static Focus (continued)

Vary the focus pack VR (Red, Blue) on the front cabinet. Adjust the TV for best possible focus around the center of the crosshatch pattern, without losing overall screen balance. Figure Crosshatch Pattern Examine these points together.

2-4-5 Lens Focus Adjustment

1. Preparation
 - ① Set the Screen to "STANDARD". (Contrast : 100 / Brightness : 50)
 - ② Set the pattern to Crosshatch.
 - ③ Adjust the electric focus before beginning.
 - ④ Adjust the DY tilt (TILT) before beginning.
2. How to Adjust (Green Lens Adjustment)
 - ① Loosen the lens screw for easier adjustment.
 - ② Press Mute, 1, 8 and 3, sequentially to enter Convergence Mode.
 - ③ Display only the Green pattern by using the +100, 0, and Previous Channel Keys in order to turn the R, G, and B patterns On/Off respectively.
 - ④ Turn the Green Lens clockwise/Counterclockwise to adjust for optimum status. (Repeat if unsuccessful, varying the VR of the front Focus Pack.)
 - ⑤ Perform steps 1~3 for the R and B Lenses.
3. Note

Green determines picture quality; pay close attention for exact adjustment.

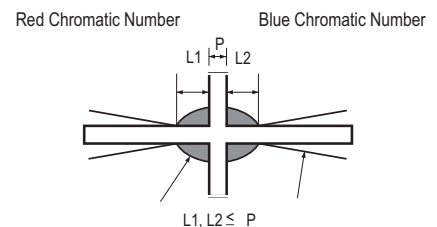
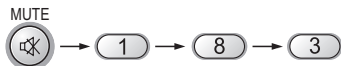


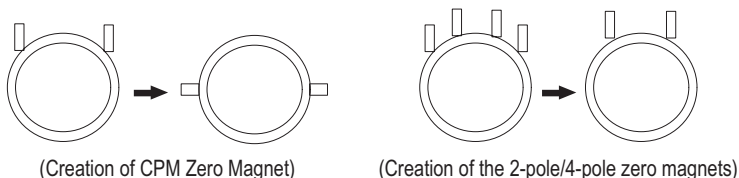
Fig. 2-2 Color Aberration

2-5 Beam Alignment Adjustments

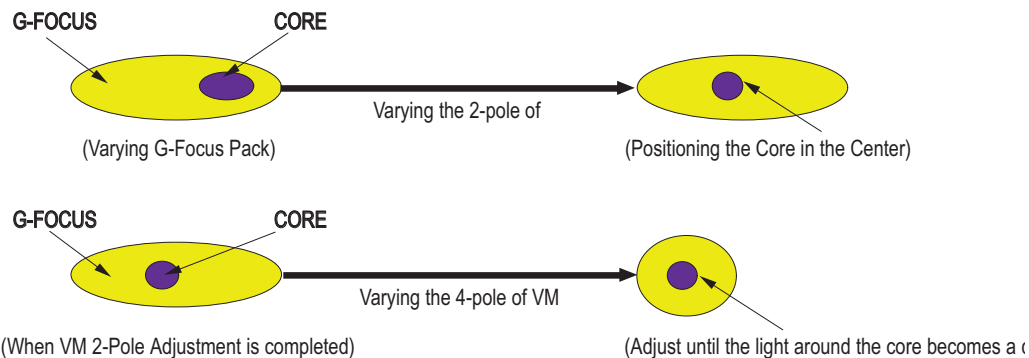
1. Select the "STANDARD" Video Mode.
2. Warm up the set at least for 10 minutes.
3. Enter the Convergence mode by pressing the remote control buttons in the following sequence.



4. Set the Beam Alignment Adjustment CY to Zero magnetic field area.



5. Press the 7- digit button for a while, on the remote control, and a vibrating dot-pattern appears.
6. Adjust the Focus-pack VR for defocusing.
7. Mute the other patterns (R/B) other than G-PATTERN. (Use "+100" / "PRE-CH" Key on the remote control.)
8. Adjust the 2, 4 polarities of VM-COIL as shown in figure below.
9. Adjust the G-Focus until any light around the core disappears.
10. Adjust G-Focus so that the surrounding flash can disappear from the spot.

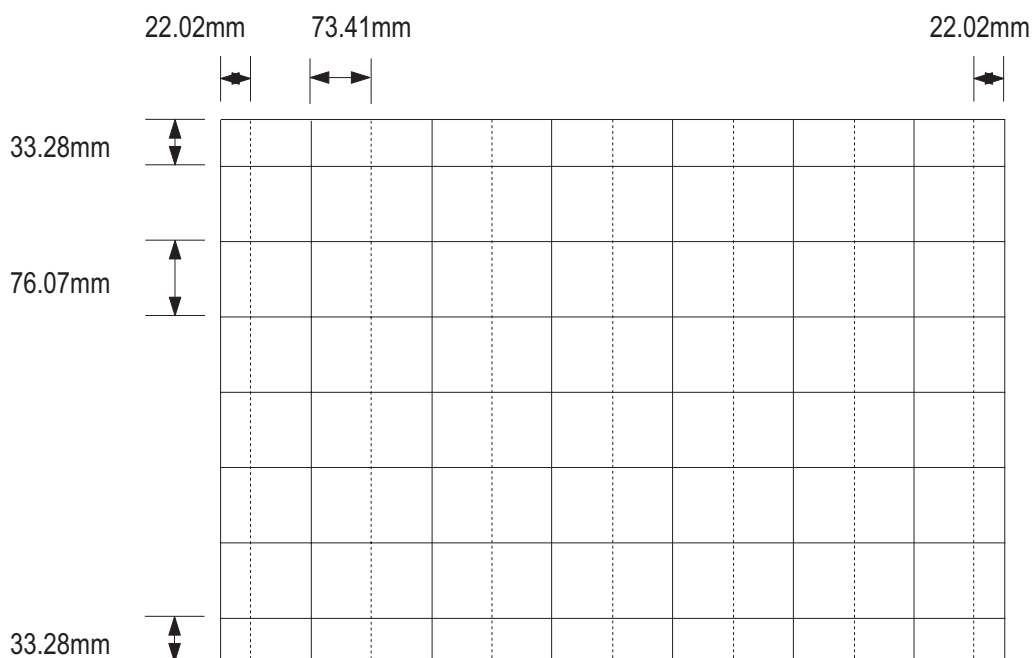


11. After G-Focus adjustments are complete, adjust R-Focus as above procedures.
12. The B-CRT adjustments can be omitted because the variance of beam focus is small. (Only Vm-coil is mounted.)
13. Adjust the Focus-pack VR for fine focusing.
14. Press the 7- digit button for a while, on the remote control, and the mode changes to the Convergence Adjustment mode.
15. Press the "S.MODE" Key on the remote control to return to normal viewing.

2-6 Convergence-Jig

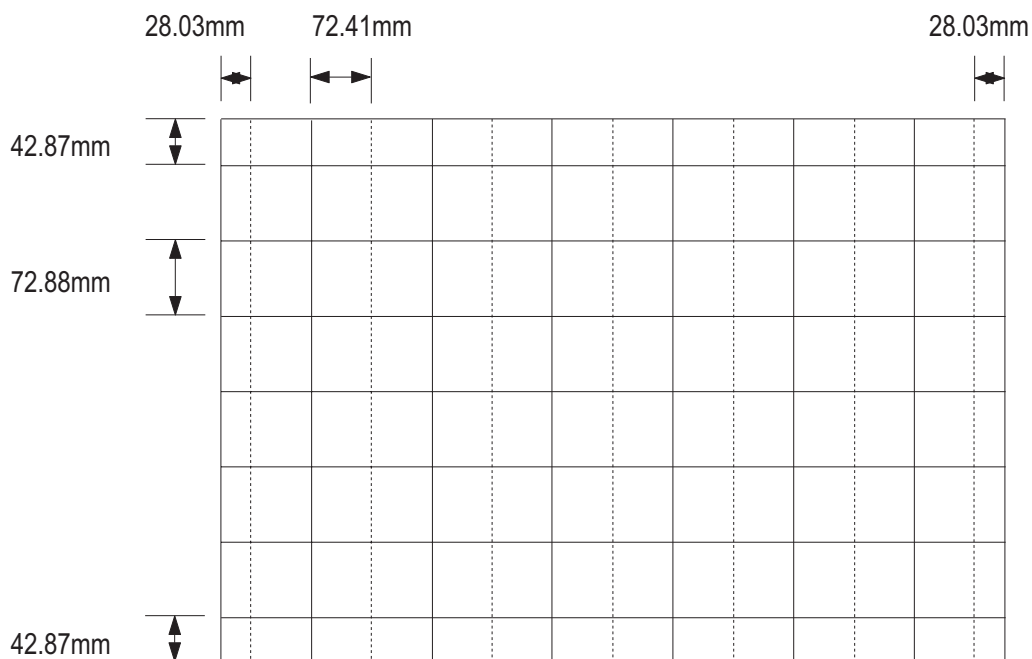
2-6-1 4241W RF Mode

Screen Size : X 925, Y 523 (X: $378 = 9 \times 2 + 30 \times 12$, Y: $440 = 28 \times 2 + 64 \times 6$)

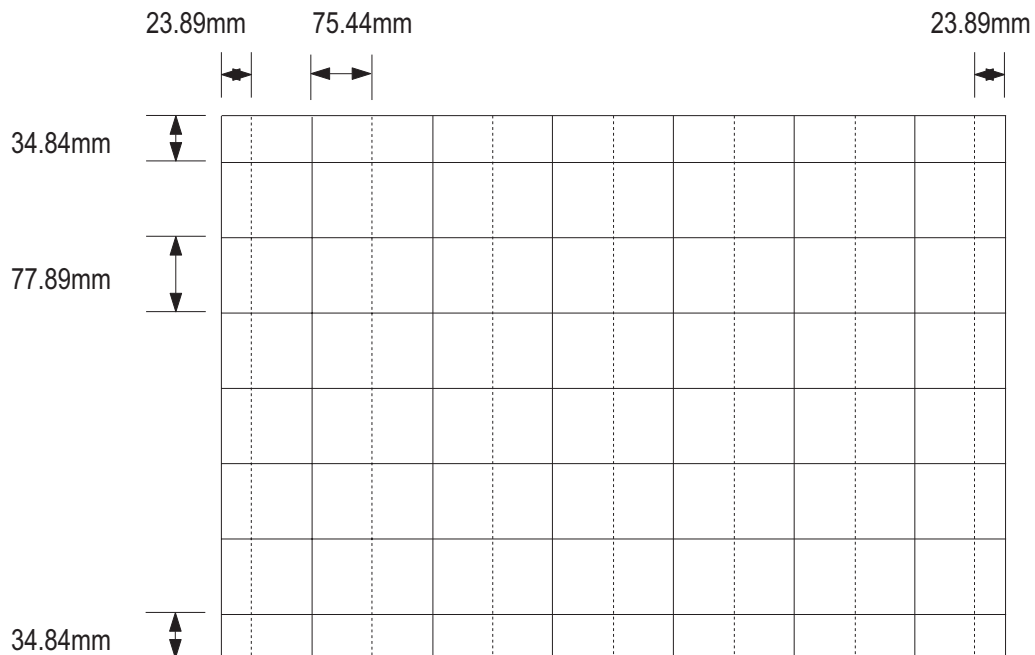


2-6-2 4241W DTV Mode

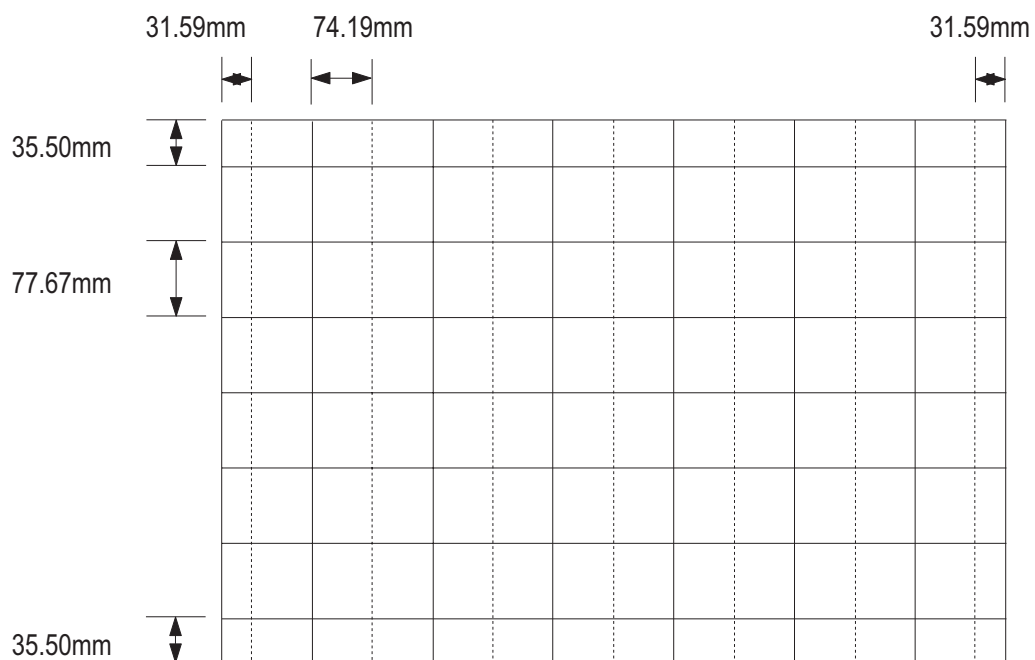
Screen Size : X 925, Y 523 (X: $396 = 12 \times 2 + 31 \times 12$, Y : $488 = 40 \times 2 + 68 \times 6$)



2-6-3 4351W RF Mode

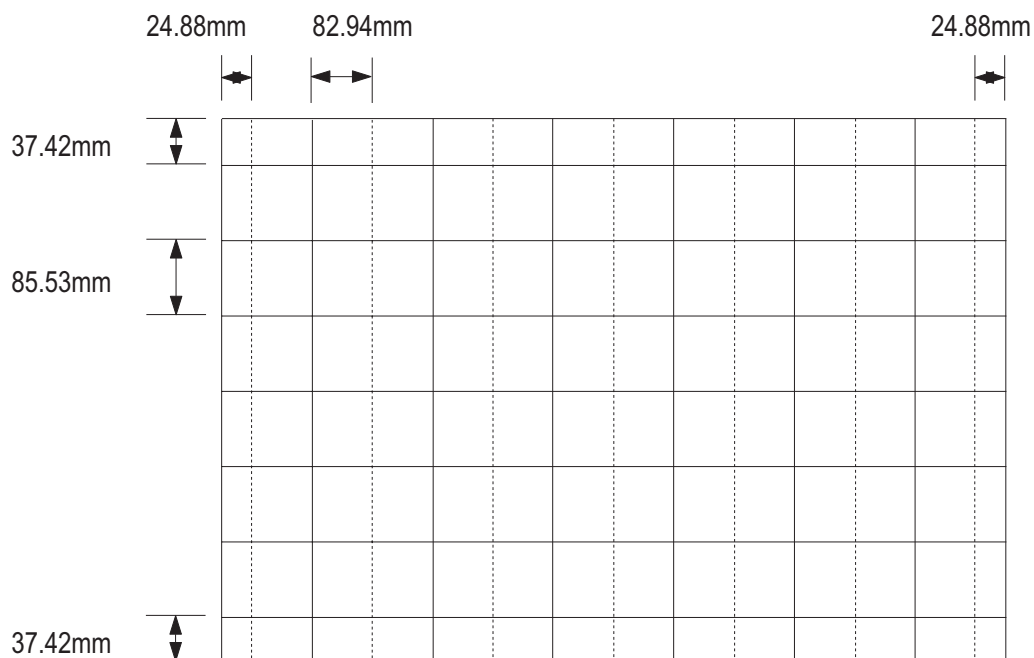


2-6-4 4351W DTV Mode



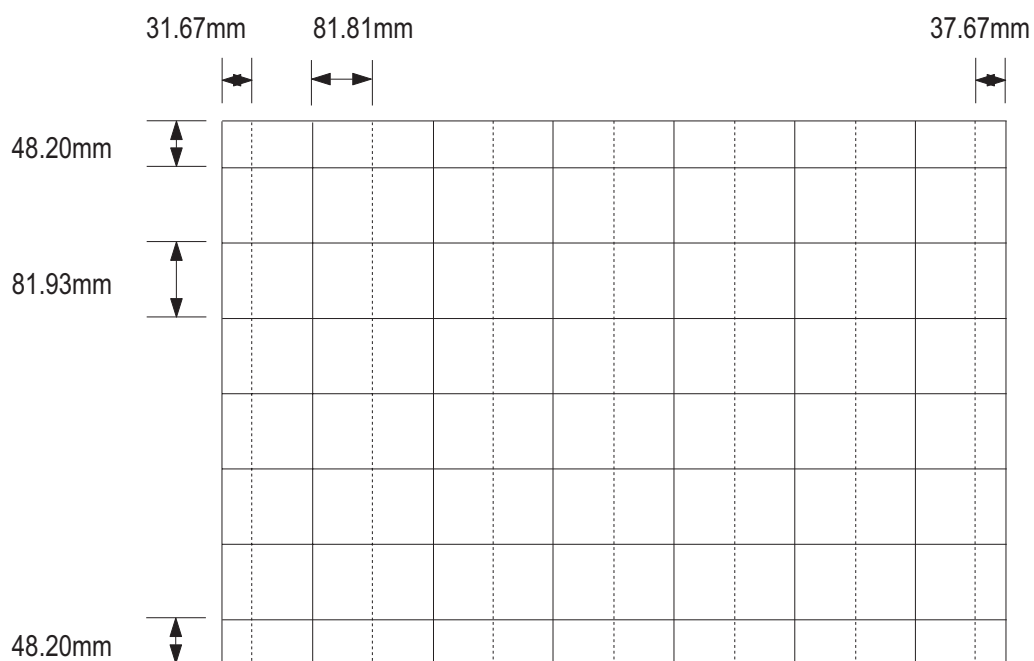
2-6-5 4741W RF Mode

Screen Size : X 1045, Y 588 (X: $378 = 9 \times 2 + 30 \times 12$, Y: $440 = 28 \times 2 + 64 \times 6$)

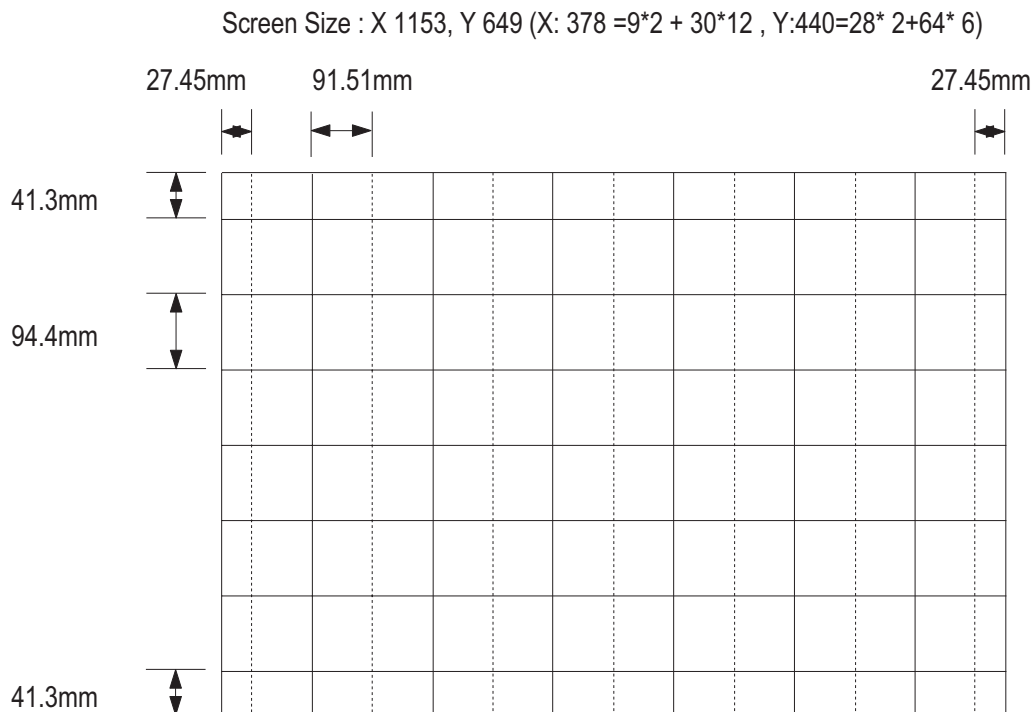


2-6-6 4741W DTV Mode

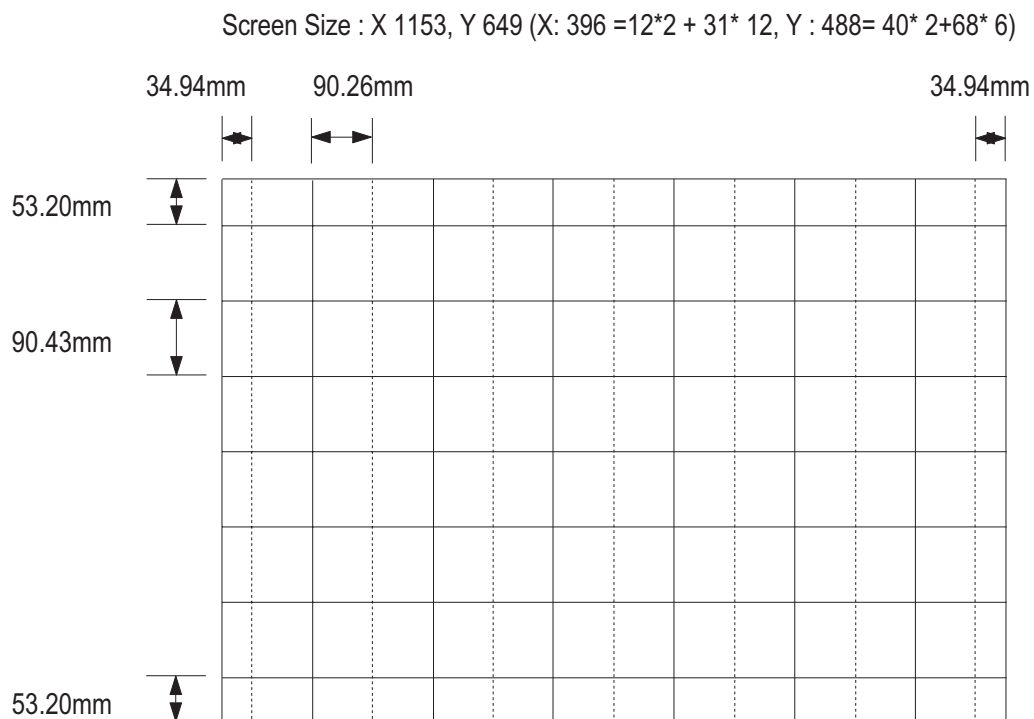
Screen Size : X 1045, Y 588 (X: $396 = 12 \times 2 + 31 \times 12$, Y : $488 = 40 \times 2 + 68 \times 6$)



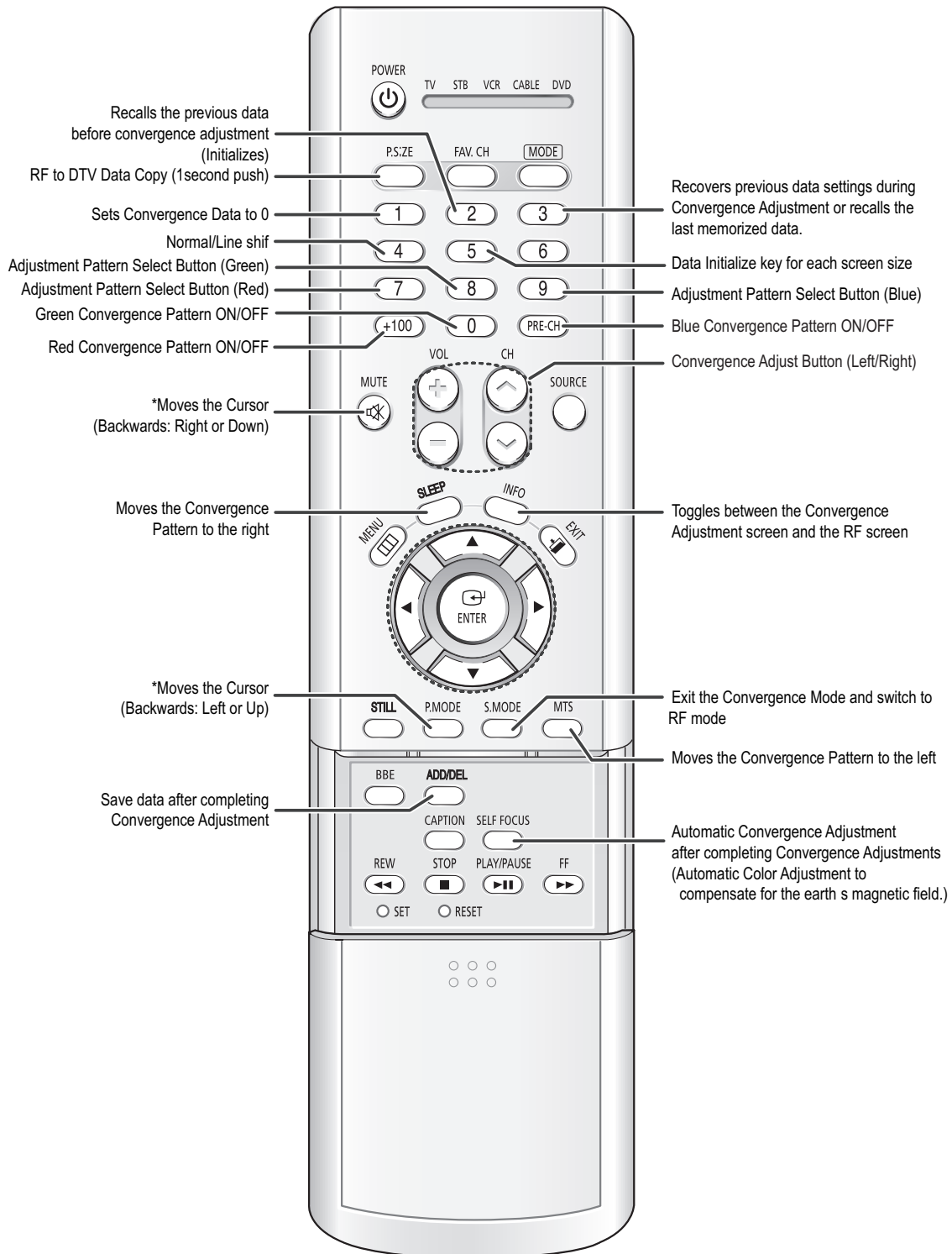
2-6-7 5241W RF Mode



2-6-8 5241W DTV Mode



2-7 Remote Control Key Functions in Convergence Mode



2-7-1 KEY Function

1. "7" Key : R-Select Key
Press to select RED color.
2. "8" Key : G-Select Key
Press to select GREEN color.
3. "9" Key : B-Select Key
Press to select BLUE color.
4. "+100" Key : R-Mute Key
Press to mute RED color.
5. "0" Key : G-Mute Key
Press to mute GREEN color.
6. "PRE-CH" Key : B-Mute Key
Press to mute BLUE color.
7. "3" Key : Cancel Key
Recalls the previous data during convergence Adjustment. (Recalls the last memorized data)
8. "INFO" Key : Test/Normal Key
Used for switching back to the Normal screen after entering Convergence Mode while receiving a general input signal. Allows for comparison between the Adjustment screen and the Normal screen during adjustment.
(Each press of the key will switch between modes.)
9. "4" Key : Line Shift Key
(Repeat Fine Adjustment (no indication) → Line Adjustment → Enter Mode)
 - This key selects between line or movement, whole pattern movement, or individual quadrant movement.
: up/down/left/right, at the beginning of the Convergence Adjustment.
 - Press the "4" key 2 more times for fine Adjustment.
10. "2" Key : Factory Data Select Key
Press to call the factory default values.
11. "SOURCE" Key : H/V Direction Select Key
Press to switch the cursor direction horizontally or vertically.
12. "ADD/DEL" Key : Save Key
After the Convergence Adjustments are completed, press to save data.
13. "S-MODE" Key : Exit Key
After the Convergence adjustments are completed, press to exit to TV mode.
14. "MUTE" Key : Move Cursor Forward Key
Press to move the cursor right or down.
15. "∧, ∨, +, -" Key : Convergence Picture Move Button
Use the Channel button (∧, ∨) to adjust Convergence Data up/down and use the Volume buttons (+, -) for left/right adjustment.

17. "1" Key : Convergence Data Zero Key

Press to zero the convergence correction data.

18. "2" Key : FINE/COARSE Key

19. " Key : Using the Joystick

Move the cursor up, down, left and right by using the Joystick, and adjust the Convergence Data by using the Channel ▲, ▼ and Volume ◀, ▶ buttons.

20. "MTS" Key, "SLEEP" Key : Convergence Adjustment Pattern Move Key

Used for moving the Convergence Adjustment pattern in the left "MTS" or right "SLEEP" direction in order to fit the center of the screen.

(Before beginning Convergence Adjustment, precisely match the center of the TV screen with the center of the Convergence screen.)

21. "P.SIZE" Key : RF TO DTV DATA COPY (1second push)

※ Changes when applying Almighty-Cg, Module (How to extract the basic Cg Data)

Inch (Type)	Model Name	Basic Data	Screen Display	Discription
	Representative Model	Number after entering the Cg-Mode		
42" (4241W) (42Q2HL1)	4241WX 42Q2HL1X	5-422 (Press in regular order)	+ + + + + + + +	White Cross on the background (white cross)
43" (4351W) (43Q5HL1)	4351W 43Q5HL1X	5-435	+ + + +	White Cross on the background (white cross)
47" (4741W) (47Q2HL1)	4741WX 47Q2HL1X	5-472	+ + + +	White Cross on the background (white cross)
52" (5241W) (52Q2HL1)	5241WX 52Q2HL1X	5-522	+ + + +	White Cross on the background (white cross)

2-7-2 Convergence Data

△ Caution : <Cautions regarding Automatic Color Adjustment>

- ① This model employs the Automatic Color Adjustment function to prevent distortion of the Convergence by the earth's magnetic field. For it to function properly, the Convergence should be precisely adjusted.
- ② The Screen Jig should be used for precise adjustment, so it does not escape the sensor's detection area. Sensors are on the center of each of the 4 faces.
- ③ Adjustment should be precise, otherwise an Automatic Color Adjustment error occurs.

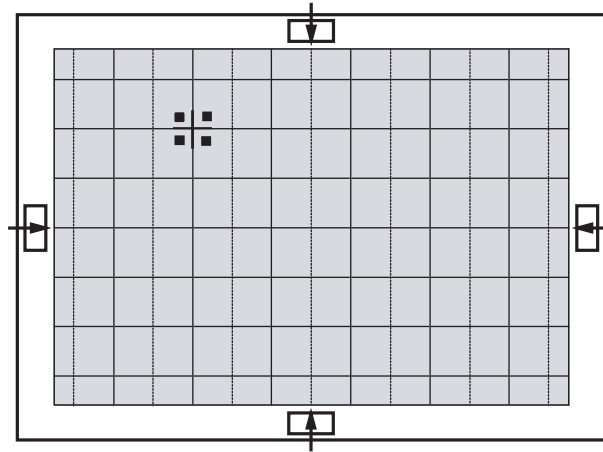
1. Aging the TV over 30 minutes is required.

2. Apply the NTSC input signal from the antenna or other external input source.

△ Caution : Before adjusting the Green, Red and Blue patterns, adjust the DY of the CRT to avoid having a tilted center line.

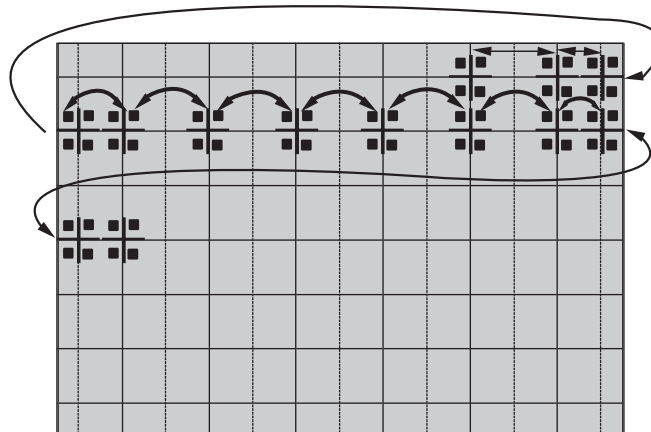
3. Press Mute, 1, 8, and 3 (on the remote control) sequentially to enter Convergence Mode. The Test Pattern is displayed..

△ Caution : If an OSD (On-Screen Display) appears during the process, press the "S-MODE" key to exit Convergence mode and then re-enter Convergence mode.



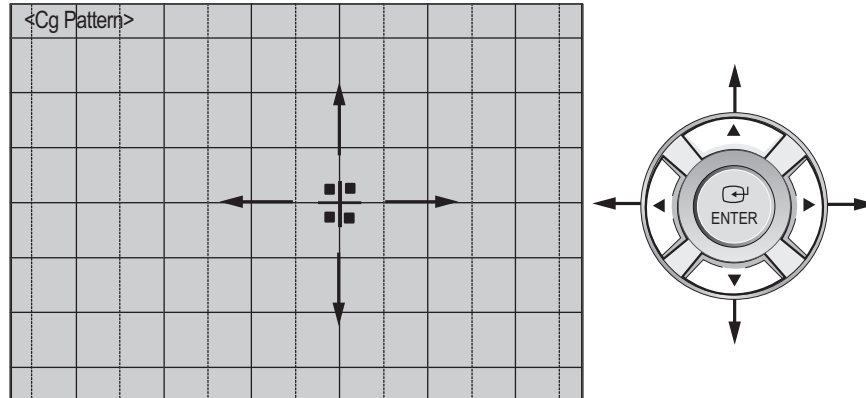
4. Press R-MUTE "+100" key and B-MUTE "PRE-CH" key to mute out Red and Blue. Press G-SELECT "8" key to adjust the Green Color Convergence first. (For the first entrance, Green Color Convergence will automatically be selected.)

5. Press the "MUTE" key to move the cursor right, the "P.MODE" button to move the cursor left.

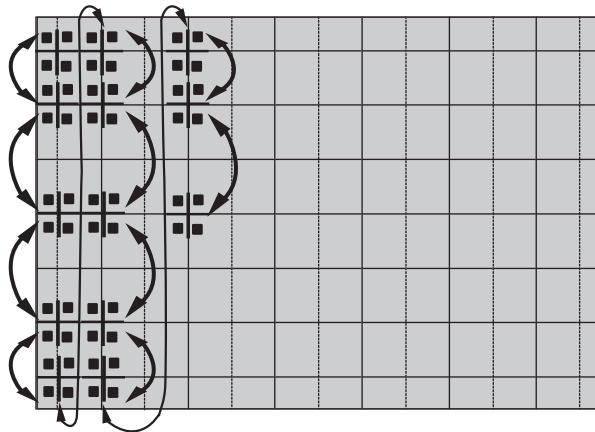


6. Scene Adjustment

Use the left (◀)/right (▶)/up (▲)/down (▼) buttons to move the cursor, and use the channel ▲, ▼ button and the volume +, - buttons to adjust the convergence.

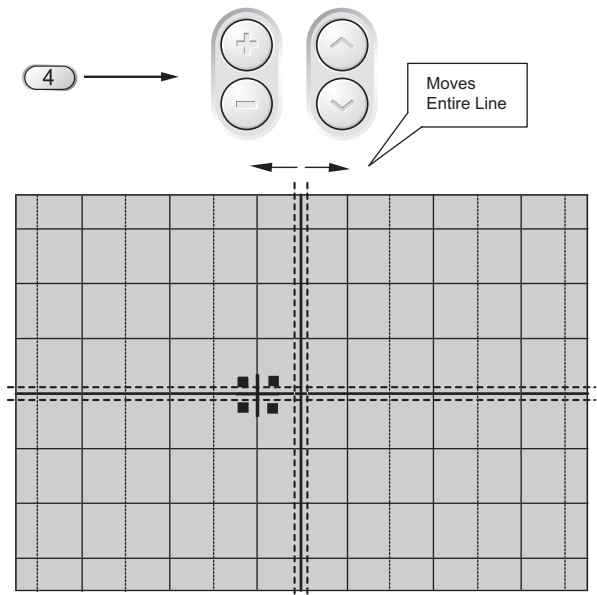


7. For vertical moves, select "SOUREC" key and press "MUTE" key to move down, and "P.MODE" key to move down.

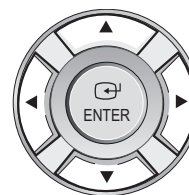


⚠ Caution : Pressing the "SOUREC" key again will switch to horizontal movement.

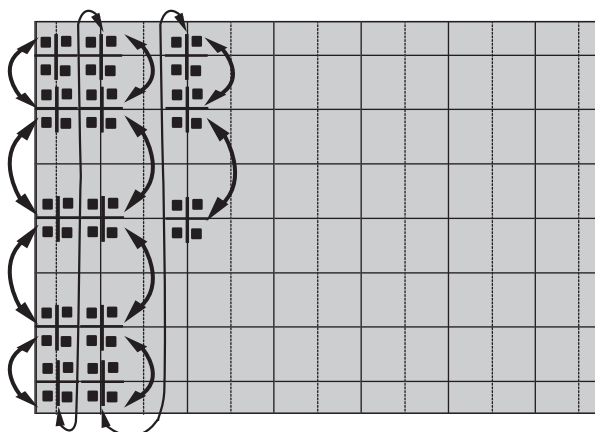
8. Use the Line Move Key "4" for global shaping in the beginning stages of Convergence Adjustment.



9. For general adjustment, press "4" key to exit the line moving. Perform the general adjustment using up (▲)/down (▼)/ left (◀)/right (▶) button, channel ▲, ▼ button, and the volume +, - buttons.

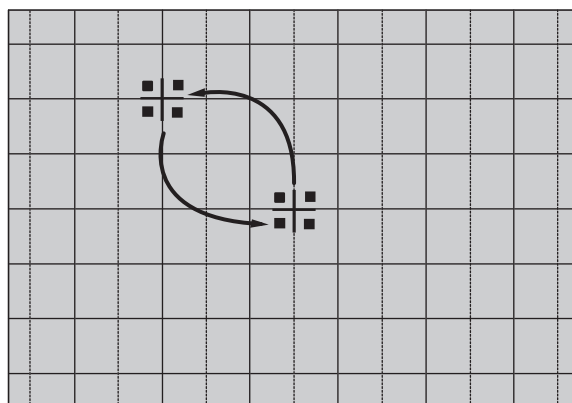


10. After completing Green Color Convergence, save the data by pressing the "ADD/DEL" key.
11. Adjust the Red Color based on the Green Color.
Press the "7" button to release the Red Color from mute and select the Red Color by pressing the "+100" key.
12. Perform steps 5 ~ 10 to adjust the Red Color Convergence.



13. Adjust the Blue Color based on the Green Color. Press the "+100" button to mute the Red Color again.
Release the Blue Color from mute by pressing "PRE-CH" key and select the Blue Color by pressing the "9" key.
14. Adjust the Blue Color Convergence by performing steps 5 ~ 10 and 13.
15. After adjusting all the colors, fill the screen with R, G and B color to validate. Adjust again if required, by selecting the corresponding color key.
16. Save the data by using the "ADD/DEL" key after the Red and Blue Color Convergence adjustment has been completed.

⚠ Caution : The Cursor will move to the center and blink two times before it automatically moves back to its original position.



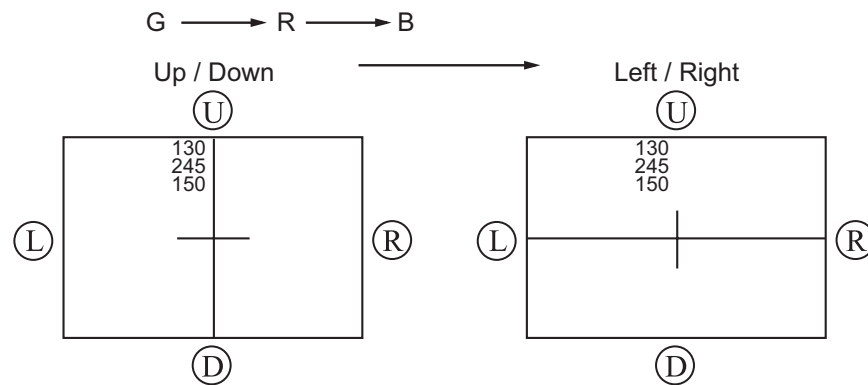
⚠ Caution : After completing and saving the R, G and B Convergence Adjustment, the data should be saved by pressing the "SELF FOCUS" button before exiting Convergence Mode.

17. After completing the Convergence Adjustment, exit Convergence Mode by using the "S.MODE" key.
18. Follow the same procedure for DTV (1080i) Convergence Adjustment as you did for Normal Mode Convergence Adjustment.

Note : If Convergence Adjustment is not properly done, or the Convergence Center escaped the sensor's detection area, an adjustment error occurs. Therefore, the Jig Screen should be used for precise Convergence Adjustment during servicing.

2-7-3 Self Focus (Convergence Mode)

1. After completing the Convergence Adjustment, press the Memory button "ADD/DEL" key to save the data and exit back to a black screen. Then enter Convergence Mode again to do the Automatic Color Adjustment by pressing the "Automatic Color Adjustment" button.



2-8 Pin Spec

2-8-1 Convergence Module

CNZ01			
Pin	Name	Pin	Name
1	N.C	17	GND
2	GND	18	GND
3	D-FOCUS	19	BV
4	GND	20	BH
5	D2(SCL)	21	GV
6	D1	22	GH
7	GND	23	RV
8	C-SYNC	24	RH
9	CG-R	25	GND
10	CG-G	26	H-BLK
11	CG-B	27	V-BLK
12	D3(SDA)	28	GND
13	N.C	29	N.C
14	IR	30	-5V
15	F-BLK	31	5V-CG
16	GND	32	GND

3. Troubleshooting

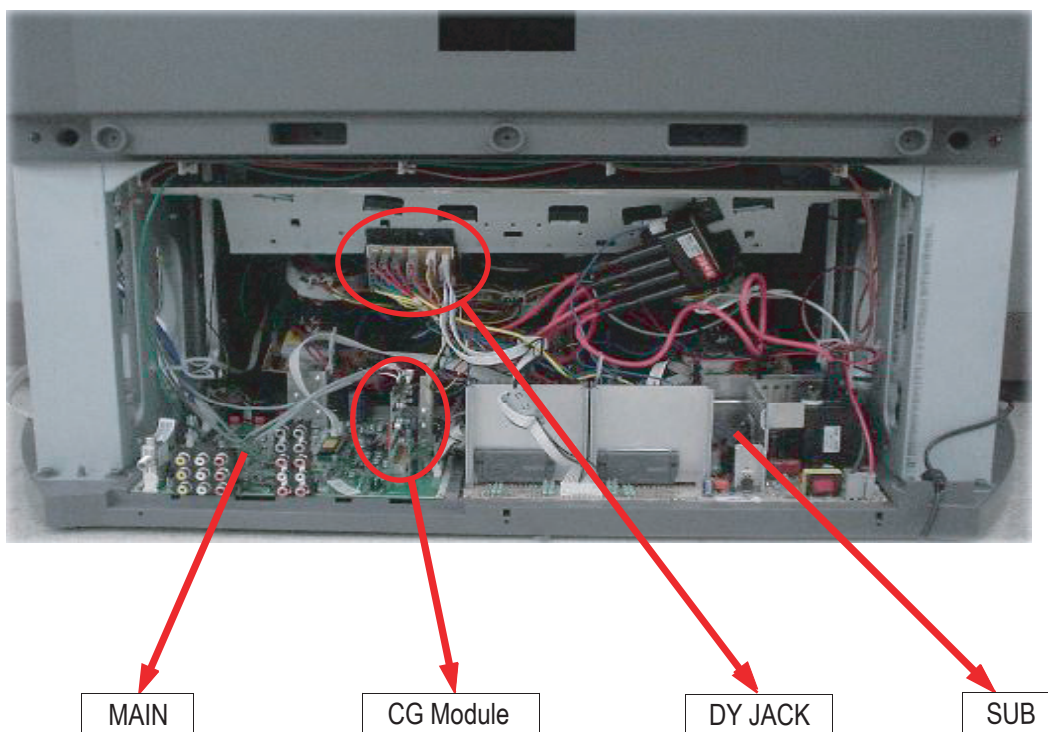
3-1 Opening the Set and Replacing Assemblies

3-1-1 Replacing and Repairing Each Assembly (Opening the Back Cover)



Remove all indicated screws on the rear side of the Set

Repair or replace the required Assembly

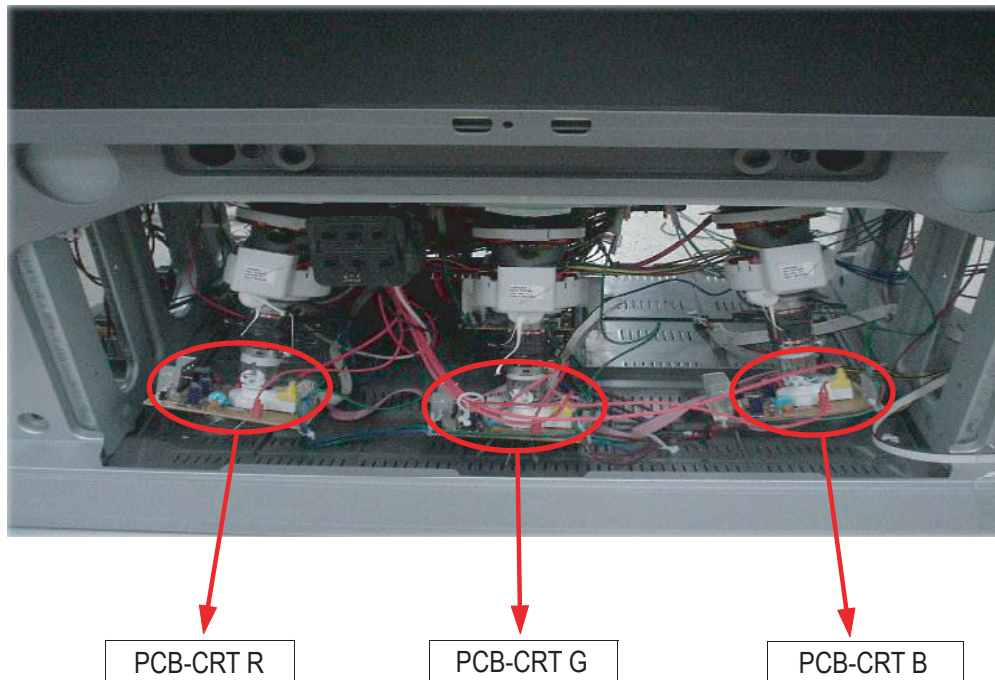


3-1-2 Replacing and Repairing the CRT-PCB (Opening the Rear Cover)

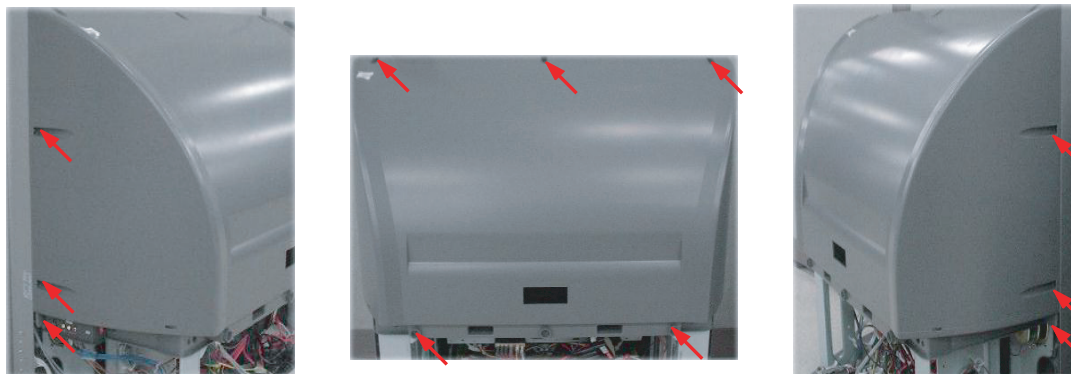


Remove all indicated screws and open the Front Cover.

Repair the frontal PCB-CRT or replace it after removing the attached connectors



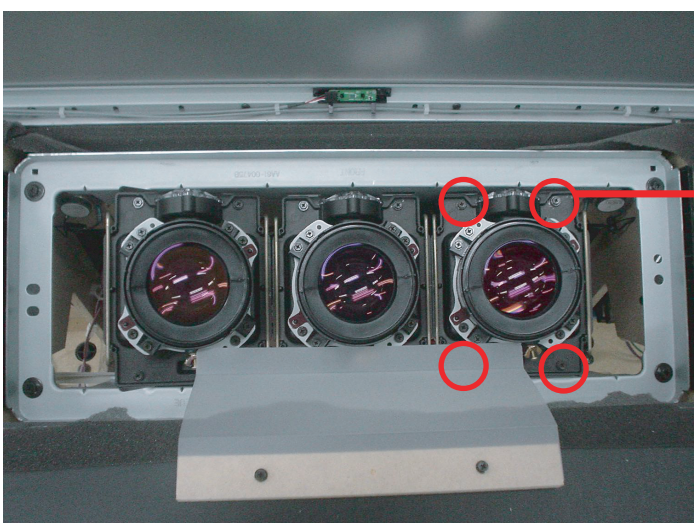
3-1-3 Replacing a Burnt or Exhausted CRT



The Back Cover is detached as illustrated below (refer to the Opening Back Cover).
Remove the screws indicated and detach the Top Cover

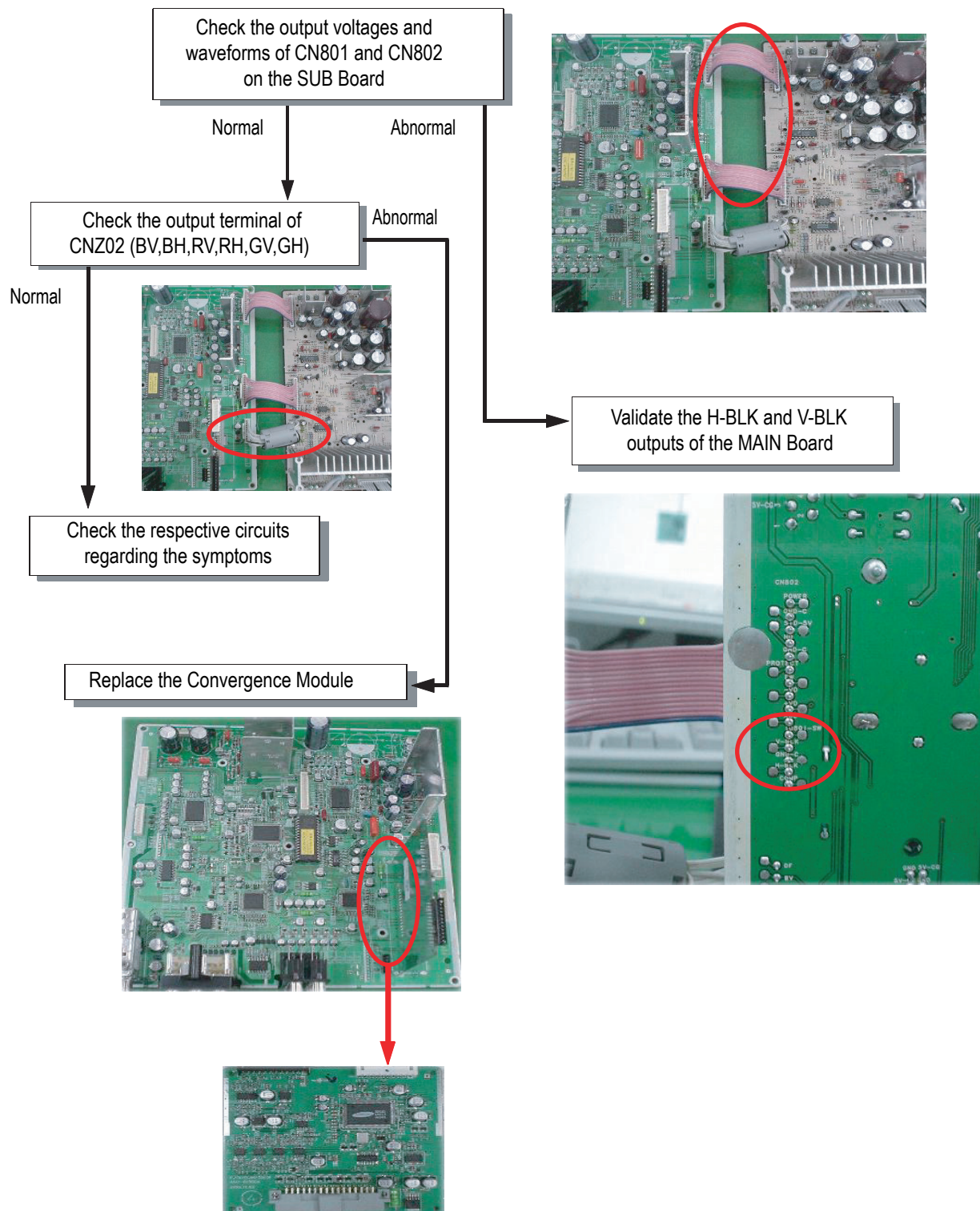


Remove the Dust Cover that prevents
dust from entering into the screen

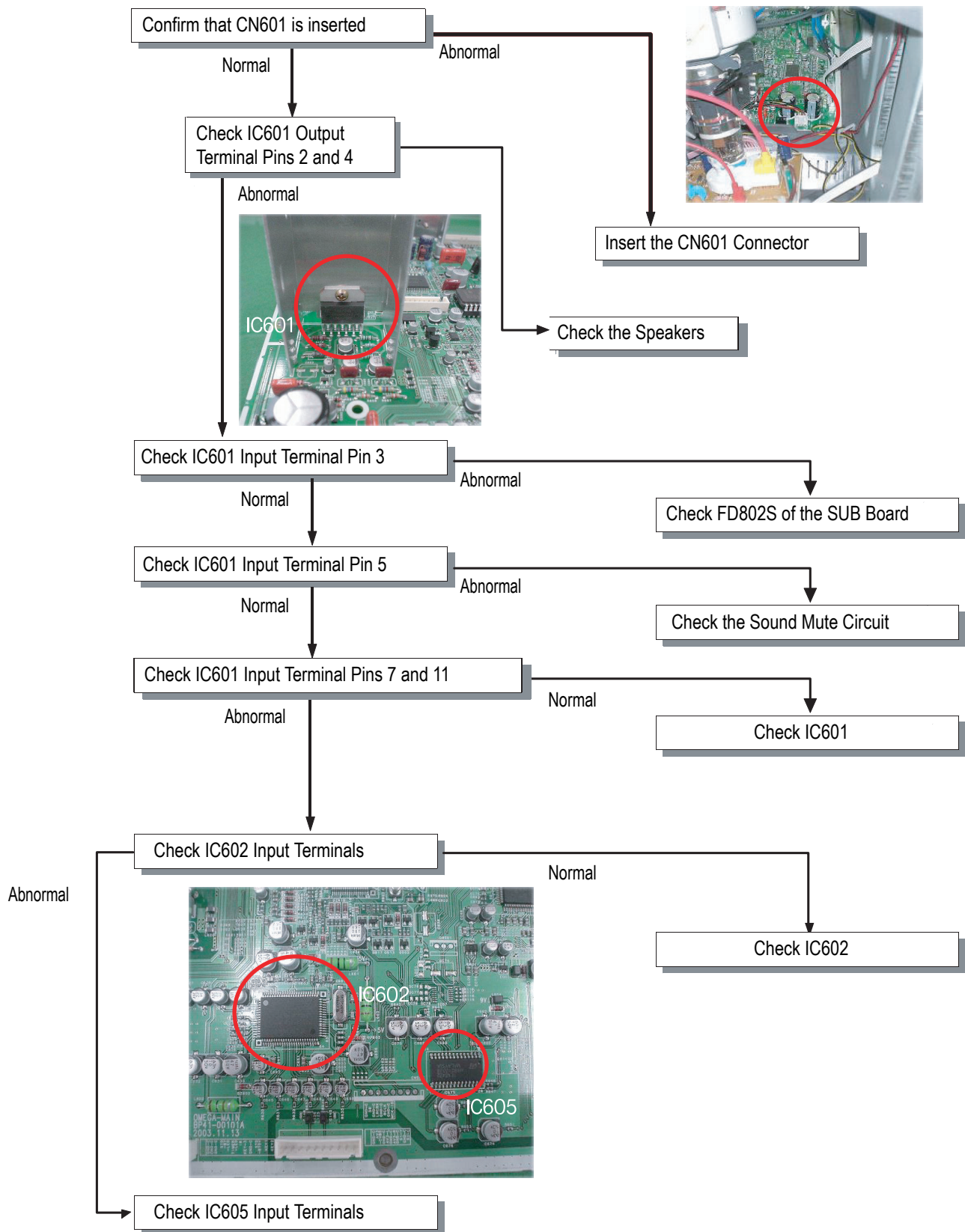


Before proceeding, disconnect all the
DY and Connectors connected to the
assembly.
Remove the 4 corner screws from the
CRT and replace the CRT

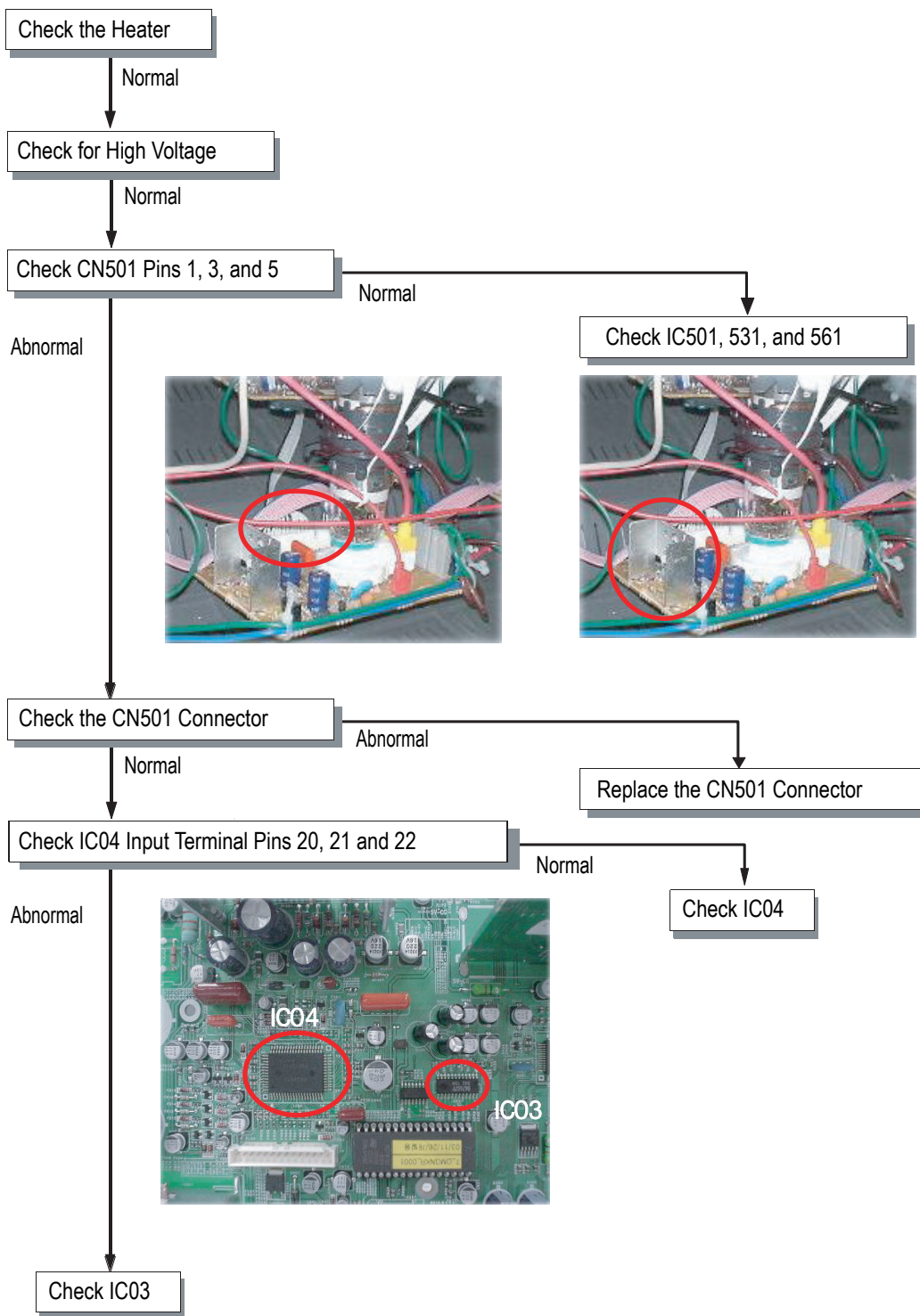
3-2 Repairing Distorted Convergence

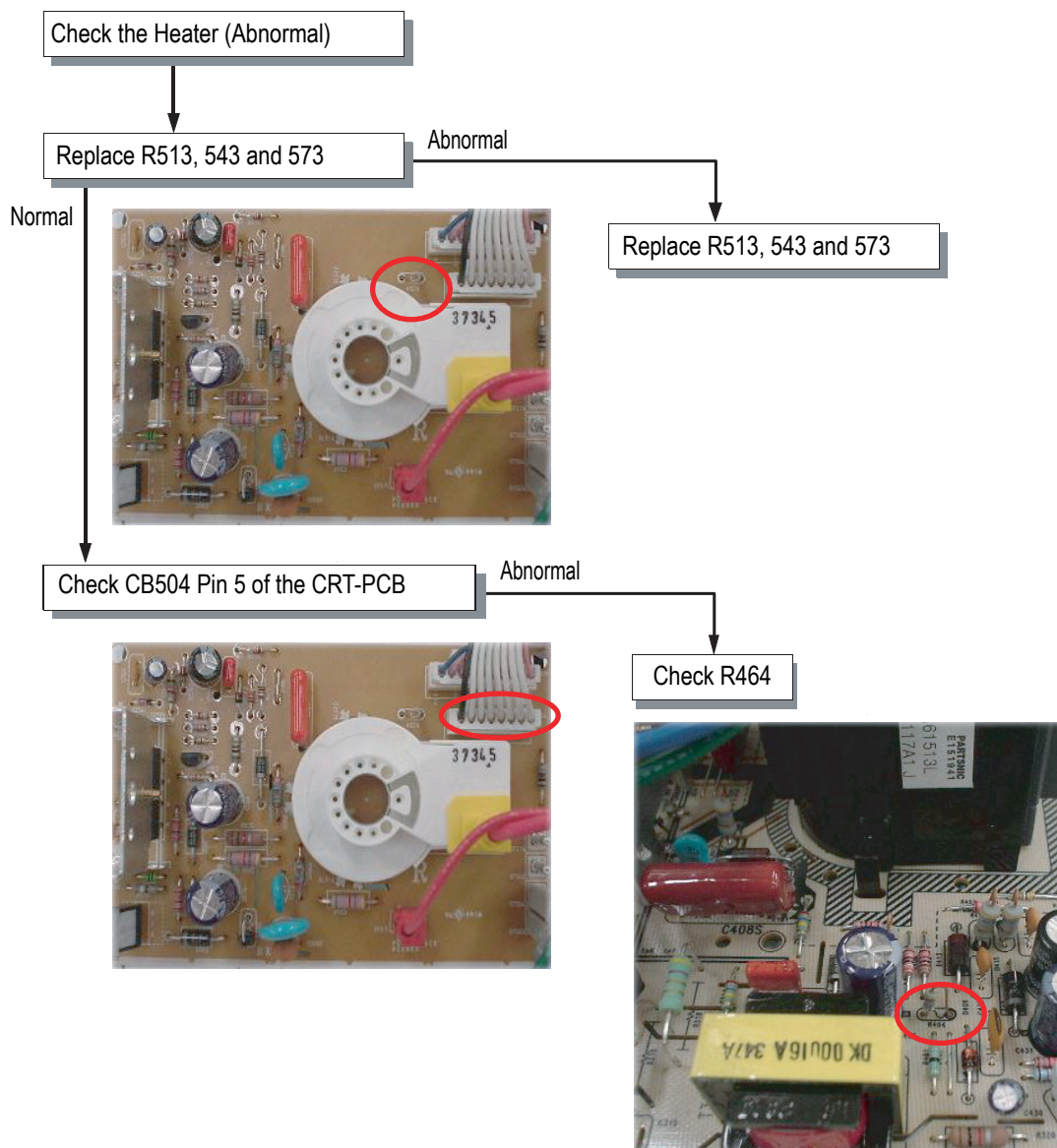


3-3 Repairing No Sound



3-4 Repairing No Video (with Normal Sound)



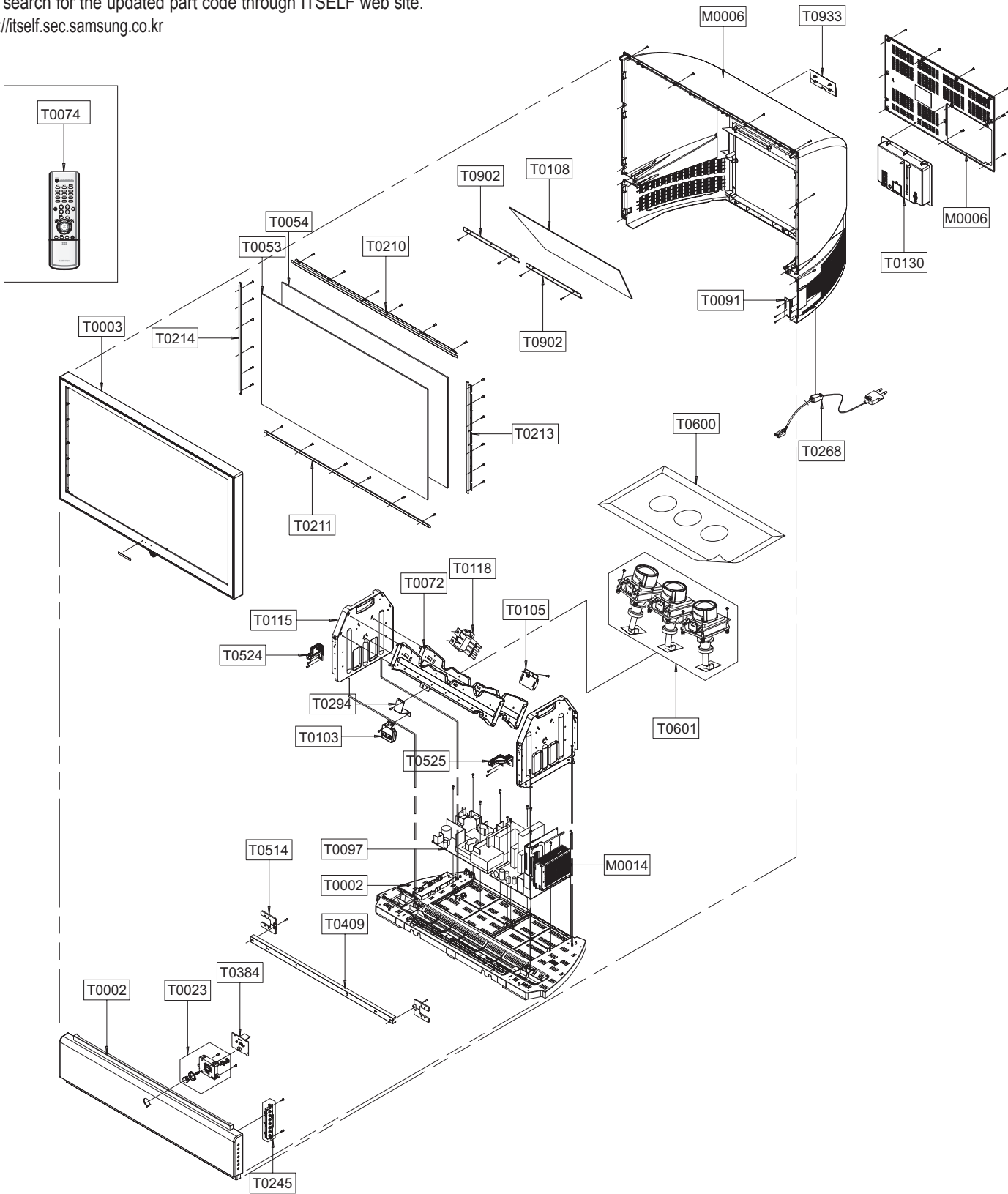


MEMO

4. Exploded View & Part List

4-1 SP43Q5HL1X/XAX

Yon can search for the updated part code through ITSELF web site.
URL:<http://itself.sec.samsung.co.kr>



Loc. No.	Code No.	Description;Specification	Q'ty	S.N.A
M0006	BP63-00442B	COVER-REAR BOTTOM;43/47Q5,HIPS,HB,GR503	1	S.N.A
M0006	BP63-00441A	COVER-REAR;43Q5,HIPS,HB,GR503	1	S.N.A
M0014	BP94-00756B	ASSY PCB MAIN;USA,P60B	1	
T0002	BP96-00911G	ASSY COVER P-FRONT BOTTOM;43Q5,XAX,HIPS	1	S.N.A
T0002	BP64-00337A	CABINET-BOTTOM;42Q2,HIPS,V0,GR503	1	
T0003	BP96-00910D	ASSY COVER P-FRONT;43Q5,SEA(P60B),HIPS H	1	
T0023	BP96-00912B	ASSY COVER P-KNOB POWER;43Q5,ABS,HB,BLK,	1	
T0053	BP67-00045E	SCREEN FRESNEL;SCREEN FRESNEL,978*564,T=	1	
T0054	BP67-00045F	SCREEN LENTI;SCREEN-LENTI,976*562,T=0.76	1	
T0072	BP61-00933A	BRACKET-CRT TB;43Q5,SECC,T1.6	2	S.N.A
T0074	BP59-00058C	REMOCON;OMEGA,TM76A,47,PJT,EX,SAMSUNG,NT	1	
T0091	BP94-01433A	ASSY PCB MISC-A/V SIDE;SP43Q5HL1X/XEC,J6	1	
T0097	BP94-01431K	ASSY PCB MISC-PWR DEF;SP43Q5HL1X/XAX,J60	1	
T0103	BP59-00045A	MODULE-FOCUS PACK ASS'Y;SVP-43W6HE,F301-	1	
T0105	BP94-00567A	ASSY PCB MISC-DY JACK;SVP-43W6,CHAMP	1	
T0108	BP67-00176B	MIRROR-BACK;SSM,GLASS,666.5* 522*301.5,T	1	
T0115	BP61-00934A	BRACKET-CRT LR;43Q5,SECC,T1.6	2	S.N.A
T0118	BP26-00004A	TRANS FBT-H/V DISTRIBUTOR;FUW50A002B/FFA	1	
T0130	BP96-00954F	ASSY COVER P-TERMINAL BOARD;P60B(SEA),HI	1	S.N.A
T0210	BP61-00234E	BRACKET-SCREEN TOP ASSY;43Q5,SECC,T1.0,N	1	S.N.A
T0211	BP61-00235E	BRACKET-SCREEN BOT ASSY;43Q5,SECC,T1.0,N	1	S.N.A
T0213	BP61-00598C	BRACKET-SCREEN R ASSY;43Q5,SECC,T1.0,NON	1	S.N.A
T0214	BP61-00599C	BRACKET-SCREEN L ASSY;43Q5,SECC,T1.0,NON	1	S.N.A
T0245	BP94-01443A	ASSY PCB MISC-KEY CONTROL;SP43Q5HL1X/XEC	1	
T0268	AA39-10006K	CBF-POWER CORD;- ,KJ-10,SPT-2 2/18AWG,240	1	
T0294	BP61-00740A	BRACKET-FOCUS;42W5,SECC,T1.6	1	S.N.A
T0384	BP94-02124A	ASSY PCB MISC-PWR CONTROL;SVP-42Q2HL,P60	1	
T0409	BP61-01082A	BRACKET-FRONT BOTTOM;43Q5,SECC,T1.0	1	S.N.A
T0514	BP61-00940A	BRACKET-SUPPORT;43Q5,SECC,T1.2	2	S.N.A
T0524	BP61-00990A	BRACKET-SIDE L;43Q5,SECC,T1.2	1	S.N.A
T0525	BP61-00992A	BRACKET-SIDE R;43Q5,SECC,T1.2	1	S.N.A
T0600	BP60-00060A	SPACER-DUST;43Q5,SPONGE,T3.0,94HF-1	1	
T0601	BP91-01787A	ASSY PRT;43Q5 XEC,J60B	1	S.N.A
T0902	BP96-00977A	ASSY BRACKET P-MIRROR;43Q5,SECC,T1.0,NTR	1	S.N.A
T0902	BP96-00977B	ASSY BRACKET P-MIRROR;43Q5,SECC,T1.0,NTR	1	S.N.A
T0933	BP63-00148A	COVER-FOCUS HOLE;PJTV,HIPS,2.0,HB,GR503	1	S.N.A

5. Electrical Part List

5-1 SP43Q5HL1X/XAX

You can search for the updated part code through ITSELF web site.

URL: <http://itself.sec.samsung.co.kr>

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
ASSY CHASSIS									
1	M0017	BP91-01785R	ASSY CHASSIS;SP43Q5HL1X/XAX,J60B	S.N.A	4	R676	2004-000433	R-METAL;1Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
..2	T0105	BP94-00567A	ASSY PCB MISC-DY JACK;SVP-43W6,CHAMP		4	R665	2004-001373	R-METAL(S);100Kohm,1%,1/2W,AA,TP,2.4x6.4	
...3	CN906	3711-000654	CONNECTOR-HEADER;BOX,12P,1R,2.5MM,STRAIG		4	R674	2004-001373	R-METAL(S);100Kohm,1%,1/2W,AA,TP,2.4x6.4	
...3		BP97-00524A	ASSY AUTO-DY;SVP-43W6HE,P59A	S.N.A	4	R677	2004-001373	R-METAL(S);100Kohm,1%,1/2W,AA,TP,2.4x6.4	
....4	R303	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4x6.4		4	MR819	2004-001376	R-METAL(S);11Kohm,1%,1/2W,AA,TP,2.4x6.4mm	
....4	R302	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4x6.4		4	MR816	2004-001397	R-METAL(S);4.7Kohm,1%,1/2W,AA,TP,2.4x6.4	
....4	R301	2001-001107	R-CARBON(S);220ohm,5%,1/2W,AA,TP,2.4x6.4		4	MR817	2004-001397	R-METAL(S);4.7Kohm,1%,1/2W,AA,TP,2.4x6.4	
....4		BP41-00053A	PCB-DY;43W6,DY-JACK,1L,1.6T,75*50,P59A,1	S.N.A	4	MR820	2004-001397	R-METAL(S);4.7Kohm,1%,1/2W,AA,TP,2.4x6.4	
...3	CN906	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH		4	R673	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5	
...3	CN906	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH		4	R678	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5	
...3	CN906	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH		4	R679	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5	
...3	T0061	BP61-00375A	HOLDER-PCB DY;PJT,V,HIPS,V0,BLK	S.N.A	4	R680	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-RS60S,D1,2.63Sn/37Pb,	S.N.A	4	R667	2004-004029	R-METAL(S);10Kohm,1%,1/2W,AA,TP,2.5x6.5mm	
...3	GT01	AA60-40012F	PIN-GT;4P,2.36Pl,6/12/14mm,NYLON66,LOCKI	S.N.A	4	MR818	2004-005054	R-METAL(S);39KOHM,1%,1/2W,AA,TP,2.4X6.4MM	
...3	GT811	AA60-40012D	PIN-GT,ASSY;T1.6-6-12.5-NYLON66	S.N.A	4	CT01	2201-000281	C-CERAMIC,DISC;1NF,+80-20%,50V,Y5V,TP,5X	
...3	GT811	AA60-40012D	PIN-GT,ASSY;T1.6-6-12.5-NYLON66	S.N.A	4	C694	2301-000192	C-FILM,LEAD-PEF;1nF,5%,50V,TP,5.3x10mm,5	
...3	GT811	AA60-40012D	PIN-GT,ASSY;T1.6-6-12.5-NYLON66	S.N.A	4	C695	2301-000192	C-FILM,LEAD-PEF;1nF,5%,50V,TP,5.3x10mm,5	
..2	M0014	BP94-00756B	ASSY PCB MAIN;USA,P60B		4	FC58	2301-001664	C-FILM,LEAD-OTHER;100nF,3%,50V,TP,20x16x	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-RS60S,D1,2.63Sn/37Pb,	S.N.A	4	FC48	2305-000011	C-FILM,LEAD-PEF;470nF,5%,250V,TP,21.5X13	
...3	C681	2401-001068	C-AL;3300uF,20%,50V,GP,BK,22x40,10		4	FC28	2305-000411	C-FILM,LEAD-PEF;470nF,5%,50V,TP,7.3x4.8x	
...3	EX01	2801-004019	CRYSTAL-UNIT;20.25MHz,30ppm,28-AAM,13pF,		4	FC74	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
...3	CN902	3703-001150	CONNECTOR-BACK PANEL;32P,2R,FEMALE,STRAI		4	C682	2305-000704	C-FILM,LEAD-PEF;100nF,5%,250V,TP,16.5x10	
...3	CN906	3711-000012	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH		4	C687	2305-000704	C-FILM,LEAD-PEF;100nF,5%,250V,TP,16.5x10	
...3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIGH		4	C689	2305-000704	C-FILM,LEAD-PEF;100nF,5%,250V,TP,16.5x10	
...3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIGH		4	FC59	2305-000704	C-FILM,LEAD-PEF;100nF,5%,250V,TP,16.5x10	
...3	CN906	3711-000616	CONNECTOR-HEADER;BOX,11P,1R,2.5MM,STRAIGH		4	MC830	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11.5	
...3	CN906	3711-003240	CONNECTOR-HEADER;BOX,15P,1R,2.5mm,STRAIGH		4	MC831	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11.5	
...3	CN906	3711-003240	CONNECTOR-HEADER;BOX,15P,1R,2.5mm,STRAIGH		4	C104	2401-000039	C-AL;1000uF,20%,16V,GP,TP,10x16.5	
...3	CN906	3711-003241	CONNECTOR-HEADER;BOX,14P,1R,2.5MM,STRAIGH		4	C911	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
...3	JA703	3722-001795	JACK-PIN;10P(10P)-,NI,RD/WH/RD/BL/GN*2,		4	C912	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
...3	CIS3	AA40-00123A	TUNER;TMOH2-701A,C-TV TM(2TU-MAIN),NTSC,		4	EC85	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
...3		AA63-00396B	SHIELD CASE-TOP;PRJT,P54A,SPT,TO,5,-,-,	S.N.A	4	EC86	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
...3		AA63-00397B	SHIELD CASE-BOT;PRJT,P54A,SPT,TO,5,-,-,	S.N.A	4	FC65	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
...3	IC601	BP96-00712A	ASSY HEAT SINK P;BP62-00063A,SCREW,TDA72	S.N.A	4	C686	2401-000192	C-AL;1000uF,20%,50V,GP,TP,16x25,7.5	
....4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A	4	C688	2401-000192	C-AL;1000uF,20%,50V,GP,TP,16x25,7.5	
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A	4	C102	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11.5	
....4	T0175	BP62-00063A	HEAT SINK-PS;CHAMP,A1050S,T2,0.42,100,WH	S.N.A	4	C103	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11,5.5	
....4	T0124	1201-001026	IC-POWER AMP;7265,ZIP,11P,19.6MIL,DUAL,1	S.N.A	4	MC832	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11,5.5	
...3	M0014	BP97-00902G	ASSY AUTO-MAIN;USA,P60B	S.N.A	4	MC833	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11,5.5	
....4	MD802	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	C156	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	MD803	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	C157	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	MD804	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	C633	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	D907	0402-000274	DIODE-RECTIFIER;UF4004,400V,1A,DO-41,TP		4	C652	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	D606	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T		4	C653	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	MD801	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T		4	C656	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	DZ605	0403-000167	DIODE-ZENER;1N4758A,5%,1000MW,DO-41,TP		4	C664	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	MDZ801	0403-000700	DIODE-ZENER;TZP33A,5%,1000MW,DO-41,TP		4	C668	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	Q409	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m		4	C669	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	Q409	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m		4	C670	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	IC904	1203-001943	IC-VOL. DETECTOR;7025,TO-92,3P,-,PLASTIC		4	C674	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	MR804	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	C675	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	FR10	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	C676	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	FR12	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	C679	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	FR14	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	C680	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	MR812	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	C740	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	R681	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4		4	C930	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	R682	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4		4	C149	2401-000603	C-AL;1UF,20%,50V,GP,TP,5X11,2	
....4	MR811	2001-001149	R-CARBON(S);43KOHM,5%,1/2W,AA,TP,2.4X6.4		4	FC09	2401-000603	C-AL;1UF,20%,50V,GP,TP,5X11,2	
....4	ER73	2003-000592	R-METAL OXIDE(S);22ohm,5%,2W,AF,TP,4x12m		4	MC824	2401-000689	C-AL;2200uF,20%,16V,GP,TP,13x25,5	
....4	MR815	2003-001091	R-METAL OXIDE(S);10ohm,5%,2W,AF,TP,4x12m		4	C124	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
....4	MR814	2003-001098	R-METAL OXIDE(S);22Kohm,5%,3W,AA,TP,6x16		4	C125	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
....4	R675	2004-000433	R-METAL;1Kohm,1%,1/8W,AA,TP,1.8x3.2mm		4	C134	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
					4	C135	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
					4	C136	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	
					4	C137	2401-000913	C-AL;22uF,20%,16V,GP,TP,5x11,5	

Electrical Part List

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
....4	C138	2401-000913	C-AL:22uF,20%,16V,GP,TP,5x11,5		5	FD09	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP	
....4	C139	2401-000913	C-AL:22uF,20%,16V,GP,TP,5x11,5		5	D601	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	C627	2401-000913	C-AL:22uF,20%,16V,GP,TP,5x11,5		5	D604	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	C628	2401-000913	C-AL:22uF,20%,16V,GP,TP,5x11,5		5	D701	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	C629	2401-000913	C-AL:22uF,20%,16V,GP,TP,5x11,5		5	D702	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	C630	2401-000913	C-AL:22uF,20%,16V,GP,TP,5x11,5		5	D901	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	FC06	2401-000922	C-AL:22uF,20%,16V,GP,TP,5x5,5		5	D903	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	C685	2401-001176	C-AL:33uF,20%,25V,GP,TP,5x11,5		5	D906	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	FC29	2401-001250	C-AL:4.7uF,20%,35V,GP,TP,4x5,5		5	D920	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	FC60	2401-001250	C-AL:4.7uF,20%,35V,GP,TP,4x5,5		5	FD01	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	C645	2401-001261	C-AL:4.7uF,20%,50V,BP,TP,5x11mm,5mm		5	FD02	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	C646	2401-001261	C-AL:4.7uF,20%,50V,BP,TP,5x11mm,5mm		5	FD13	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	C647	2401-001261	C-AL:4.7uF,20%,50V,BP,TP,5x11mm,5mm		5	FD14	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	C648	2401-001261	C-AL:4.7uF,20%,50V,BP,TP,5x11mm,5mm		5	FD15	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	C649	2401-001261	C-AL:4.7uF,20%,50V,BP,TP,5x11mm,5mm		5	FD16	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	C650	2401-001261	C-AL:4.7uF,20%,50V,BP,TP,5x11mm,5mm		5	FD17	0401-000133	DIODE-SWITCHING;RLS4148,75V,150MA,LL-34,	
....4	EC83	2401-001363	C-AL:470uF,20%,16V,GP,TP,10x12,5,5		5	DZ102	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	EC84	2401-001363	C-AL:470uF,20%,16V,GP,TP,10x12,5,5		5	DZ103	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	FC31	2401-001363	C-AL:470uF,20%,16V,GP,TP,10x12,5,5		5	DZ104	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	MC822	2401-001363	C-AL:470uF,20%,16V,GP,TP,10x12,5,5		5	DZ105	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	MC826	2401-001397	C-AL:470uF,20%,25V,GP,TP,10x16,5		5	DZ106	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	C662	2401-001576	C-AL:47uF,20%,50V,GP,TP,8x11,5,5		5	DZ107	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	C741	2401-001576	C-AL:47uF,20%,50V,GP,TP,8x11,5,5		5	DZ108	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	C742	2401-001576	C-AL:47uF,20%,50V,GP,TP,8x11,5,5		5	DZ109	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	MC813	2401-001576	C-AL:47uF,20%,50V,GP,TP,8x11,5,5		5	DZ610	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	C642	2401-002075	C-AL:4.7uF,20%,50V,GP,TP,5x11,5		5	DZ611	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	C720	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	DZ701	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	EC71	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	DZ704	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	EC74	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	DZ706	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	EC82	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	SDZ01	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	
....4	FC66	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	DZ902	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500MW,LL-	
....4	MC835	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	DZ903	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500MW,LL-	
....4	SC16	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	FD11	0403-000746	DIODE-ZENER;RLZ3.9B,3.89-4.16V,500MW,LL-	
....4	SC18	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	DZ601	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
....4	SC31	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	DZ603	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
....4	SC34	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	DZ702	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
....4	SC36	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	DZ703	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
....4	SC38	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	FD12	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	
....4	SC47	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	DZ602	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
....4	SC78	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5		5	DZ604	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
....4	SC40	2401-002464	C-AL:47uF,20%,16V,BP,TP,8x11,5,5		5	FD03	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
....4	SC42	2401-002464	C-AL:47uF,20%,16V,BP,TP,8x11,5,5		5	FD04	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
....4	SC44	2401-002464	C-AL:47uF,20%,16V,BP,TP,8x11,5,5		5	FD05	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
....4	MC803	2401-002594	C-AL:220uF,20%,16V,GP,TP,8x11,5,5		5	FD06	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
....4	MC804	2401-002594	C-AL:220uF,20%,16V,GP,TP,8x11,5,5		5	FD20	0403-001117	DIODE-ZENER;RLZ12B,11.44-12.03V,500MW,LL	
....4	C913	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	DZ901	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
....4	C915	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	DZ904	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
....4	C918	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	DZ906	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
....4	C921	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	DZ907	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
....4	C936	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	DZ918	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
....4	FC04	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	DZ919	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
....4	FC12	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	DZ920	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
....4	FC45	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	DZ921	0403-001375	DIODE-ZENER;RLZ3.6B,3.6-3.845V,500MW,LL-	
....4	FC62	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	FQ07	0501-000727	TR-SMALL SIGNAL;BC848C,NPN,310mW,SOT-23,	
....4	FC63	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	IC104	0801-000662	IC-CMOS LOGIC;74HC123,MULTIVIBRATOR,SOP,1	
....4	MC829	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	
....4	SC11	2401-003036	C-AL:100uF,20%,16V,GP,TP,5X11mm,5mm		5	IC106	1001-001177	IC-VIDEO SWITCH;TEA6425D,VIDEO SWITCH, S	
....4	L705	2701-001030	INDUCTOR-AXIAL;43UH,10%,4514		5	IC106	1001-001177	IC-VIDEO SWITCH;TEA6425D,VIDEO SWITCH, S	
....4	L706	2701-001030	INDUCTOR-AXIAL;43UH,10%,4514		5	IC605	1001-001178	IC-AUDIO SWITCH;TEA6422D,AUDIO SWITCH, S	
....4	SL01	2701-001030	INDUCTOR-AXIAL;43UH,10%,4514		5	IC112	1103-001314	IC-EEPROM;24C16,2Kx8,SOP,8P,5x4mm,2.7/5.	
....4	SL02	2701-001030	INDUCTOR-AXIAL;43UH,10%,4514		5	IC06	1203-001211	IC-VOL. DETECTOR;7027,SOT-89,3P,-,PLASTI	
....4	L602	2701-001032	INDUCTOR-AXIAL;100UH,10%,4514		5	T0087	1203-001293	IC-POS.FIXED REG.;033,T0-252,3P,6.5MIL,	
....4	L601	2701-001040	INDUCTOR-AXIAL;10UH,10%,4514		5	IC062	1203-003172	IC-MULTI REG.;SI-3006KWM,DPAK,5P,6.6X6.1	
....4	L603	2701-001040	INDUCTOR-AXIAL;10UH,10%,4514		5	IC02	1204-001814	IC-SELECTOR;CXA2151Q,QFP,48P,144MIL,PLAS	
....4	L904	2701-001040	INDUCTOR-AXIAL;10UH,10%,4514		5	IC901	1204-001912	IC-DECODER;SDA5550M,P-MQFP,100P,-,PLASTI	
....4	L907	2701-001040	INDUCTOR-AXIAL;10UH,10%,4514		5	IC118	1204-001989	IC-VIDEO PROCESS;CXA2165Q,QFP,64P,20X14MM	
....4	T0122	2802-001177	RESONATOR-CERAMIC;2.696MHZ,0.4%,BK,10X4.		5	IC602	1204-002002	IC-AUDIO PROCESSOR;MSP3420G-B11,PQFP,80P	
....4	T0122	2802-001179	RESONATOR-CERAMIC;4MHZ,0.5%,BK,8X3X5.5MM		5	IC01	1204-002394	IC-VIDEO DECODER;VSP9405B-C4,QFP,80P,14x	
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,50	S.N.A	5	FR57	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	
....4	CN906	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH		5	FR78	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	
....4	GT01	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	5	FR79	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	
....4	GT02	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	5	FR80	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	
....4	T0510	BP97-00914E	ASSY SMD-MAIN;USA,P60B	S.N.A	5	FR88	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	
....5		0202-001375	SOLDER-CREAM;RMA-20-21L,S63,-,Sn63/Pb36.	S.N.A	5	FR22	2007-000066	R-CHIP;20Kohm,1%,1/10W,TP,1608	
....5	D902	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		5	FR23	2007-000066	R-CHIP;20Kohm,1%,1/10W,TP,1608	
....5	D905	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		5	ER04	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	
....5	FD07	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		5	ER05	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	

Electrical Part List

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
.....5	R924	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		5	R662	2007-000126	R-CHIP;4.3Kohm,5%,1/10W,TP,1608	
.....5	R925	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		5	FR61	2007-000132	R-CHIP;180Kohm,5%,1/10W,TP,1608	
.....5	R930	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		5	FR98	2007-000219	R-CHIP;1.2Kohm,1%,1/10W,TP,1608	
.....5	R933	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		5	SR73	2007-000259	R-CHIP;1.6Kohm,5%,1/10W,TP,1608	
.....5	R936	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		5	SR23	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R963	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		5	SR25	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	R974	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608		5	SR26	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	
.....5	FR40	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608		5	R668	2007-000582	R-CHIP;22Kohm,5%,1/8W,TP,2012	
.....5	SR07	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608		5	R962	2007-000583	R-CHIP;22Kohm,1%,1/10W,TP,1608	
.....5	FR72	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608		5	FR96	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
.....5	R912	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608		5	FR97	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
.....5	R913	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608		5	FR36	2007-000691	R-CHIP;3.3Mohm,5%,1/10W,TP,1608	
.....5	R915	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608		5	FR87	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	
.....5	FR62	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608		5	R104	2007-000828	R-CHIP;39Kohm,1%,1/10W,TP,1608	
.....5	FR73	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608		5	R937	2007-000857	R-CHIP;4.3Kohm,1%,1/10W,TP,1608	
.....5	R663	2007-000083	R-CHIP;3Kohm,5%,1/10W,TP,1608		5	R661	2007-000868	R-CHIP;4.7Kohm,1%,1/8W,TP,2012	
.....5	FR44	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	FR43	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	
.....5	FR45	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R985	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	
.....5	R604	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R986	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	
.....5	R903	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R966	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
.....5	R904	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R961	2007-000939	R-CHIP;47Kohm,1%,1/10W,TP,1608	
.....5	R906	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	FR99	2007-001068	R-CHIP;6.8Kohm,1%,1/10W,TP,1608	
.....5	R908	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	ER09	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R919	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	ER10	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R927	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	ER11	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R928	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	ER12	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R934	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R137	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R935	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R138	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R954	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R139	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R955	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R140	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R971	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R141	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R976	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R142	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R978	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R173	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R980	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R174	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R982	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R726	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R983	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R727	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	SR33	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608		5	R731	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	FR41	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608		5	R787	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	FR42	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608		5	R799	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	ER01	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		5	R945	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	FR09	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		5	R946	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	FR60	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		5	R948	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R782	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		5	SR32	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R783	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		5	SR35	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R944	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		5	SR36	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R957	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		5	SR38	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....5	R987	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		5	SR08	2007-007651	R-CHIP;9.1Kohm,1%,1/10W,TP,1608	
.....5	R989	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		5	C907	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R990	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		5	C914	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	SR34	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		5	C916	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FR58	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608		5	C919	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FR67	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608		5	C920	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FR68	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	C924	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R149	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	C925	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R151	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	C926	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R152	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	C927	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R153	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	C928	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R155	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	C929	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R156	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	C932	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R158	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	EC01	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R159	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	EC02	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R161	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	EC03	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R162	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	EC04	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R164	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	EC12	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R165	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608		5	EC13	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FR77	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608		5	EC17	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R926	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608		5	EC25	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	SR37	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608		5	EC61	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R105	2007-000098	R-CHIP;56Kohm,5%,1/10W,TP,1608		5	EC62	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FR63	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608		5	EC65	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R975	2007-000121	R-CHIP;820ohm,5%,1/10W,TP,1608		5	EC66	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R914	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608		5	EC67	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R920	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608		5	EC68	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	R941	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608		5	EC69	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FR46	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608		5	EC70	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FR47	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608		5	EC72	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....5	FR70	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608		5	EC73	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	

Electrical Part List

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
....5	SC77	2203-001652	C-CER,CHIP:470nF,+80-20%,16V,Y5V,1608		5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
....5	C955	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
....5	FC08	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
....5	FC27	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
....5	FC46	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
....5	SC01	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A
....5	SC02	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	IC905	3704-000249	SOCKET-IC;32P,PLCC,SN,1.27mm	
....5	SC03	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	R670	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	
....5	SC04	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	R658	2007-000707	R-CHIP;3.9Kohm,1%,1/8W,TP,2012	
....5	SC05	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	R687	2007-000707	R-CHIP;3.9Kohm,1%,1/8W,TP,2012	
....5	SC06	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	R659	2007-000981	R-CHIP;5.6Kohm,5%,1/8W,TP,2012	
....5	SC07	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	R660	2007-000981	R-CHIP;5.6Kohm,5%,1/8W,TP,2012	
....5	SC08	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	FQ05	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC09	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	FQ06	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC10	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	FQ08	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC23	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	FQ09	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC24	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	FQ12	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC25	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	Q101	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC26	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	Q102	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC59	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	Q103	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC60	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	Q104	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC61	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	Q105	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC62	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	Q106	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC63	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	Q601	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC64	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,2012		5	Q602	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	C603	2203-005590	C-CER,CHIP:330nF,10%,16V,X7R,TP,2012		5	Q701	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	C708	2203-005590	C-CER,CHIP:330nF,10%,16V,X7R,TP,2012		5	Q702	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	C710	2203-005590	C-CER,CHIP:330nF,10%,16V,X7R,TP,2012		5	Q703	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	C711	2203-005590	C-CER,CHIP:330nF,10%,16V,X7R,TP,2012		5	Q704	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	C712	2203-005590	C-CER,CHIP:330nF,10%,16V,X7R,TP,2012		5	Q707	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	C713	2203-005590	C-CER,CHIP:330nF,10%,16V,X7R,TP,2012		5	Q708	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC79	2203-005590	C-CER,CHIP:330nF,10%,16V,X7R,TP,2012		5	Q710	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	SC14	2203-005809	C-CER,CHIP;1000nF,10%,16V,X7R,TP,2012(T1		5	Q717	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012		5	Q718	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012		5	Q719	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012		5	Q902	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012		5	Q906	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012		5	Q908	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012		5	Q913	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012		5	Q914	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012		5	Q915	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012		5	Q916	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000392	INDUCTOR-SMD;10uH,5%,4532		5	Q917	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000392	INDUCTOR-SMD;10uH,5%,4532		5	Q920	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		5	FQ14	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		5	FQ15	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		5	EQ01	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		5	FQ02	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		5	FQ03	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		5	FQ04	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		5	FQ13	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		5	SQ01	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		5	T0077	BP41-00177B	PCB MAIN;OMEGA2,CEM-3,2LA.1.6T,245*245,	S.N.A
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		4	R671A	2004-002015	R-METAL(S);140Kohm,1%,1/2W,AA,TP,2.4x6.4	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		4	C631	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		4	C632	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		4	C684	2401-001077	C-AL;330nF,20%,50V,GP,TP,4x7mm,5mm	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		4	C683	2401-001192	C-AL;33uF,20%,50V,GP,TP,6.3x11,5	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		4	C690	2401-001192	C-AL;33uF,20%,50V,GP,TP,6.3x11,5	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		3	M0018	BP97-00933A	ASSY MICOM;P60B,39VF020,T-OM2NUS-1003,0	
....5	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225		4	IC115	1107-001550	IC-FLASH MEMORY;39VF020,256Kx8Bit,PLCC,3	
....5	T0052	2703-001070	INDUCTOR-SMD;100uH,10%,4532		3	JA701	3722-001333	JACK-PIN;9P,3.2mm,NL,BLK,-	
....5	T0052	2703-001245	INDUCTOR-SMD;8.2uH,10%,2012		3	MIC801	BP96-00335J	ASSY HEAT SINK P;BP62-00035A,SCREW,78R05	S.N.A
....5	X601	2801-003843	CRYSTAL-SMD;18.432MHZ,30PPM,SMD,20PF,500		4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
....5	X901	2801-004117	CRYSTAL-SMD;6MHZ,30PPM,28-ABX,20PF,150OH		4	M0081	6003-000333	SCREW-TAPTITE;RH,+2S,M3,L10,ZPC(YEL),SW	S.N.A
....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A	4	T0175	BP62-00035A	HEAT SINK-PS;P57A,01050S,T2,0,12.5,66,WH	S.N.A
....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A	4	T0087	1203-001006	IC-POS.FIXED REG.;78R05,TO-220F,4P,-,PL	
....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A	4	IC062	1203-003158	IC-MULTI REG.;SLA3010M,SIP,15P,30x15mm,P	
....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A	3	T0286	BP95-00415C	ASSY SUB PCB-CG MOD;OMEGA / CHAMP	S.N.A
....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A	4	L01	2701-001030	INDUCTOR-AXIAL;43UH,10%,4514	
....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A	4	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	
....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A	4	CN906	3711-003601	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,ANGLE,	
....5	T0568	3301-001082	BEAD-SMD;60ohm,3225,1500mA,TP,43ohm/40MH	S.N.A	4		BP97-01009C	ASSY AUTO-CG;OMEGA / CHAMP	S.N.A
....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A	5	Q409	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m	
....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A	5	Q409	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400m	
....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A	5	C28	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....5	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	S.N.A	5	C33	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
....5	C35	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5		6	R82	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
....5	C46	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7,5		6	R88	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
....5	C01	2401-003036	C-AL;100uF,20%,16V,GP,TP,5X11mm,5mm		6	R23	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	
....5	C03	2401-003036	C-AL;100uF,20%,16V,GP,TP,5X11mm,5mm		6	R150	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
....5	C05	2401-003036	C-AL;100uF,20%,16V,GP,TP,5X11mm,5mm		6	R24	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
....5	C07	2401-003036	C-AL;100uF,20%,16V,GP,TP,5X11mm,5mm		6	R25	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
....5	C106	2401-003036	C-AL;100uF,20%,16V,GP,TP,5X11mm,5mm		6	R03	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
....5	C17	2401-003036	C-AL;100uF,20%,16V,GP,TP,5X11mm,5mm		6	R120	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
....5	C24	2401-003036	C-AL;100uF,20%,16V,GP,TP,5X11mm,5mm		6	R121	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
....5	C40	2401-003036	C-AL;100uF,20%,16V,GP,TP,5X11mm,5mm		6	R124	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
....5	C48	2401-003036	C-AL;100uF,20%,16V,GP,TP,5X11mm,5mm		6	R125	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
....5	C97	2401-003036	C-AL;100uF,20%,16V,GP,TP,5X11mm,5mm		6	R128	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
....5	T0091	BP97-01007B	ASSY SMD-CG;OMEGA / CHAMP	S.N.A	6	R129	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D01	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		6	R132	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D02	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		6	R133	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D03	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		6	R34	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D04	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		6	R35	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D05	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		6	R36	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D06	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		6	R37	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D07	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		6	R41	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D08	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		6	R42	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D09	0401-000132	DIODE-SWITCHING;BAV99,70V,50MA,SOT-23,TP		6	R43	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D13	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323		6	R44	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D14	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323		6	R49	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D16	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323		6	R51	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D17	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323		6	R55	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D18	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323		6	R57	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	D19	0401-000160	DIODE-SWITCHING;ISS314,30V,100MA,SOD-323		6	R61	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	DZ01	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-		6	R63	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	DZ02	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-		6	R67	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	DZ03	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-		6	R68	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	Q06	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT		6	R73	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	Q01	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2		6	R75	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	IC104	0801-002404	IC-CMOS LOGIC;74VHC4066,ANALOG SWITCH,SO		6	R79	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	IC104	0801-002449	IC-CMOS LOGIC;74LVX4245,BUS TRANSCEIVER,		6	R81	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	IC07	1001-001211	IC-ANALOG MULTIPLEX;MM74HC4052MTC,DUALMU		6	R85	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	IC15	1001-001211	IC-ANALOG MULTIPLEX;MM74HC4052MTC,DUALMU		6	R87	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	DU410	1201-001135	IC-OP AMP;324,SOP,ST,14P,150MIL,QUAD,100		6	R91	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	
.....6	DU410	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST		6	R29	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	
.....6	DU410	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST		6	R31	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	
.....6	DU410	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST		6	R74	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
.....6	DU410	1201-001504	IC-OP AMP;072,SOP,8P,150MIL,DUAL,-,PLAST		6	R80	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
.....6	T0074	1201-001520	IC-VIDEO AMP;EL2250CS,SOIC,8P,150MIL,DUA		6	R86	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
.....6	IC04	1203-001212	IC-VOL. DETECTOR;7029,SOT-89,3P,-,PLASTI		6	R01	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	IC062	1203-003172	IC-MULTI REG.;SI-3006KWM,DPAK,5P,6.6X6.1		6	R09	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R152	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		6	R148	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R32	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608		6	R151	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R33	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608		6	R47	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R39	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608		6	R48	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R40	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608		6	R53	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R69	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608		6	R54	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R02	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R59	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R06	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R60	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R113	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R65	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R134	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R66	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R135	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R71	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R136	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R72	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R137	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R77	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R139	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R78	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R140	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R83	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R141	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R84	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R144	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R89	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R145	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R90	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6	R15	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R92	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
.....6	R153	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R114	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R154	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R115	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R16	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R116	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R21	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R117	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R22	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R118	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R28	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R119	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R30	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R122	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R46	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R123	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R52	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R126	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R58	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R127	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R64	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R130	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R70	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R131	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6	R76	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		6	R17	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
.....6	R18	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		6	C78	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....6	R19	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		6	C82	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....6	R20	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608		6	C83	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....6	R160	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608		6	C84	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....6	R161	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608		6	C98	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....6	R162	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608		6	C99	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012	
.....6	R163	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608		6	C90	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....6	R164	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608		6	C92	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....6	R165	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608		6	C94	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....6	R166	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608		6	C96	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	
.....6	R167	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608		6	C50	2203-000357	C-CER,CHIP;0.15nF,5%,50V,COG,1608	
.....6	R38	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		6	C54	2203-000357	C-CER,CHIP;0.15nF,5%,50V,COG,1608	
.....6	R45	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608		6	C58	2203-000357	C-CER,CHIP;0.15nF,5%,50V,COG,1608	
.....6	R04	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608		6	C62	2203-000357	C-CER,CHIP;0.15nF,5%,50V,COG,1608	
.....6	R138	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608		6	C67	2203-000357	C-CER,CHIP;0.15nF,5%,50V,COG,1608	
.....6	R05	2007-000381	R-CHIP;13Kohm,5%,1/10W,TP,1608		6	C71	2203-000357	C-CER,CHIP;0.15nF,5%,50V,COG,1608	
.....6	R50	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608		6	C75	2203-000357	C-CER,CHIP;0.15nF,5%,50V,COG,1608	
.....6	R56	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608		6	C79	2203-000357	C-CER,CHIP;0.15nF,5%,50V,COG,1608	
.....6	R62	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608		6	C09	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	
.....6	R142	2007-000691	R-CHIP;3.3Mohm,5%,1/10W,TP,1608		6	C89	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,TP,1608	
.....6	R110	2007-000799	R-CHIP;360ohm,5%,1/10W,TP,1608		6	C91	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,TP,1608	
.....6	R111	2007-000799	R-CHIP;360ohm,5%,1/10W,TP,1608		6	C93	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,TP,1608	
.....6	R112	2007-000799	R-CHIP;360ohm,5%,1/10W,TP,1608		6	C95	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,TP,1608	
.....6	R07	2007-001056	R-CHIP;6.2Kohm,5%,1/10W,TP,1608		6	C51	2203-001071	C-CER,CHIP;0.056nF,5%,50V,COG,1608	
.....6	RN01	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1		6	C55	2203-001071	C-CER,CHIP;0.056nF,5%,50V,COG,1608	
.....6	RN02	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216		6	C59	2203-001071	C-CER,CHIP;0.056nF,5%,50V,COG,1608	
.....6	RN03	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216		6	C63	2203-001071	C-CER,CHIP;0.056nF,5%,50V,COG,1608	
.....6	C52	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,COG,1608		6	C68	2203-001071	C-CER,CHIP;0.056nF,5%,50V,COG,1608	
.....6	C56	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,COG,1608		6	C72	2203-001071	C-CER,CHIP;0.056nF,5%,50V,COG,1608	
.....6	C60	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,COG,1608		6	C76	2203-001071	C-CER,CHIP;0.056nF,5%,50V,COG,1608	
.....6	C64	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,COG,1608		6	C80	2203-001071	C-CER,CHIP;0.056nF,5%,50V,COG,1608	
.....6	C69	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,COG,1608		6	C85	2203-001083	C-CER,CHIP;0.005nF,0.1pF,50V,NP0,TP,1608	
.....6	C73	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,COG,1608		6	C86	2203-001083	C-CER,CHIP;0.005nF,0.1pF,50V,NP0,TP,1608	
.....6	C77	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,COG,1608		6	C87	2203-001083	C-CER,CHIP;0.005nF,0.1pF,50V,NP0,TP,1608	
.....6	C81	2203-000041	C-CER,CHIP;0.01nF,0.25pF,50V,COG,1608		6	C88	2203-001083	C-CER,CHIP;0.005nF,0.1pF,50V,NP0,TP,1608	
.....6	C02	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		6	OSC01	2804-001594	OSCILLATOR-CLOCK;6MHz,100ppm,15pF,SMD,3.	
.....6	C04	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		6	0	BP41-00236A	PCB-MODULE-CONVERGENCE;SP43T9HEX/HAC,CEM	S.N.A
.....6	C06	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		6	M0018	BP97-01010A	ASSY MICOM;Omega,SDC-31 HEX,050531,AA13-	
.....6	C08	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		6	7IC125	AA13-00110A	IC ASIC;SDC31,SDC31,128,+1.8V,+3.3V,-0to	
.....6	C10	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		6		0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	S.N.A
.....6	C105	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/	S.N.A
.....6	C107	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		2	T0098	BP94-00908A	ASSY PCB MISC-VM;SVP-42Q2HL,P60A	
.....6	C12	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		3	T0245	0202-001366	SOLDER-WIRE FLUX;-RS60S,D1.2,63Sn/37Pb,	S.N.A
.....6	C13	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		3	RZ120	2008-001097	R-FUSIBLE(S);330HM,5%,1/2W,AC,BK,2.5X6.5	
.....6	C14	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		3	M0081	6003-001023	SCREW-TAPTITE;PWH,+B,M3,L10,ZPC(YEL),SW	S.N.A
.....6	C15	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		3	T0079	AA33-00017A	MAGNET CONVERGENCE;JH 92LT - 29G,PJT-TV,	
.....6	C16	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		3	QZ102	AA96-00243L	ASSY HEAT SINK P;-CRT,AA62-000450A,2SA1	S.N.A
.....6	C18	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	M0081	6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A
.....6	C19	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	T0175	AA62-00045A	HEAT SINK-PS;-T1.0,-,DREAM,-,-,-,	S.N.A
.....6	C21	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4		0502-000153	TR-POWER;2SC2344-D,NPN,1.2W,TO-220,-,60	
.....6	C22	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
.....6	C23	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		3	QZ101	AA96-00243M	ASSY HEAT SINK P;-AMP,AA62-000450A,2SA1	S.N.A
.....6	C25	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	M0081	6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A
.....6	C26	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	T0175	AA62-00045A	HEAT SINK-PS;-T1.0,-,DREAM,-,-,-,	S.N.A
.....6	C27	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4		0502-000131	TR-POWER;2SA1011-D,PNP,1.2W,TO-220,-,60	
.....6	C29	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
.....6	C30	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		3		AA97-07230M	ASSY AUTO-VM;OMEGA/CHAMP	S.N.A
.....6	C31	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	DZ106	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....6	C32	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	DZ105	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....6	C34	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	DZ102	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
.....6	C37	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	DZ104	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
.....6	C38	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	DZ103	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
.....6	C39	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	DZ101	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
.....6	C41	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	QZ103	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
.....6	C42	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	QZ106	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....6	C43	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	QZ105	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....6	C44	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	QZ104	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....6	C45	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	RZ122	2001-000019	R-CARBON(S);100HM,5%,1/2W,AA,TP,2.4X6.4M	
.....6	C47	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	RZ109	2001-000021	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6	C49	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	RZ102	2001-000021	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6	C53	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	RZ101	2001-000021	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6	C57	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	RZ108	2001-000021	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6	C61	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	RZ118	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6	C65	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	RZ117	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6	C66	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	RZ107	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6	C70	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	RZ116	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6	C74	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,TP,2012		4	RZ119	2001-000554	R-CARBON;270KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
....4	RZ121	2001-000666	R-CARBON;330HM,5%,1/8W,AA,TP,1.8X3.2MM		...3	C825	2401-002216	C-AL;2200uF,20%,35V,GP,TP,16x25,7.5	
....4	RZ115	2001-000832	R-CARBON;5100HM,5%,1/8W,AA,TP,1.8X3.2MM		...3	C804	2401-003076	C-AL;3300UF,20%,50V,WT,BK,18X35.5MM,7.5	
....4	RZ110	2001-001100	R-CARBON(S);2.70HM,5%,1/2W,AA,TP,2.4X6.4		...3	C824	2401-003076	C-AL;3300UF,20%,50V,WT,BK,18X35.5MM,7.5	
....4	RZ104	2001-001100	R-CARBON(S);2.70HM,5%,1/2W,AA,TP,2.4X6.4		...3	C814	2401-003419	C-AL;2200uF,20%,50V,WT,BK,16X35.5mm,7.5	
....4	RZ105	2001-001139	R-CARBON(S);39KOHM,5%,1/2W,AA,TP,2.4X6.4		...3	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
....4	RZ106	2001-001139	R-CARBON(S);39KOHM,5%,1/2W,AA,TP,2.4X6.4		...3	RL402	3501-001040	RELAY-POWER;12VDC,500MW,10000MA,1FORMA,1	
....4	RZ103	2003-000713	R-METAL OXIDE(S);47ohm,5%,2W,AF,TP,4x12m		...3	CN906	3711-000211	CONNECTOR-HEADER;1WALL,3P,1R,3.96MM,STRA	
....4	RZ111	2003-000713	R-METAL OXIDE(S);47ohm,5%,2W,AF,TP,4x12m		...3	CN906	3711-000654	CONNECTOR-HEADER;BOX,12P,1R,2.5MM,STRAIG	
....4	RZ123	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM		...3	CN906	3711-001084	CONNECTOR-HEADER;BOX,8P,1R,2.5MM,STRAIGH	
....4	RZ113	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM		...3	IC063	AA13-00094A	IC HYBRID;-DDR001A,SIP,5P,-,TP	
....4	RZ112	2003-002157	R-METAL OXIDE;220OHM,5%,2W,AG,TP,6X16MM		...3	T401	AA26-50001S	TRANS-HORIZ.DRIVE;-,-,6.0mH,-,-,44uH,-	
....4	RFZ101	2008-001086	R-FUSIBLE(S);3.3ohm,5%,2W,AG,TP,3.9x12mm		...3	T0010	AA27-00119A	COIL CHOKE;10uH,-,10uH,10%,0.07,0.1ohm M	
....4	CZ106	2201-000193	C-CERAMIC,DISC;0.01NF,0.25PF,50V,C0G,TP,		...3	T0010	AA27-10002L	COIL CHOKE;-24uH,K,-,2A,-,24UH-K,10x10m	
....4	CZ104	2201-000193	C-CERAMIC,DISC;0.01NF,0.25PF,50V,C0G,TP,		...3	T0010	AA27-10002V	COIL CHOKE;-6.3mH,K,-,500mA,-,NY632K(50	
....4	CZ110	2201-000604	C-CERAMIC,DISC;0.056NF,+100-0%,500V,SL,T		...3	T0296	AA27-30003M	COIL LINEARITY;-5uH,OWA14x15,USRC0.1x60	
....4	CZ111	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5		...3	T0010	AA27-40001S	COIL CHOKE;-110uH,SB-5S8202.6,P10.18x20	
....4	CZ112	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11,5,5		...3	T0245	AA39-00047A	LEAD CONNECTOR-ASSY;-1P,60MM,JUMPER,BLK,	
....4	CZ102	2401-001157	C-AL;33uF,20%,160V,GP,TP,12.5x20,5		...3	GT811	AA60-40012E	PIN-GT,ASSY;T1.6,8-10MM,NYLON66	S.N.A
....4	CZ108	2401-001220	C-AL;4.7uF,20%,160V,GP,TP,8x11,5,5		...3	Q402	AA96-00243H	ASSY HEAT SINK P;-POWER,AA62-00045A,KSD	S.N.A
....4	CZ109	2401-001220	C-AL;4.7uF,20%,160V,GP,TP,8x11,5,5		...4	M0081	6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A
....4	CZ107	2401-001513	C-AL;47uF,20%,16V,WT,TP,5x11,5		...4	T0175	AA62-00045A	HEAT SINK-PS;-T1.0,-,41*35*70,D2,-,-	S.N.A
....4	CZ101	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5		...4		0502-000298	TR-POWER;KSD73,NPN,3000mW,TO-220,TP,120	
....4	LZ101	2701-000002	INDUCTOR-AXIAL;100UH,10%,4298		...4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
....4	CN906	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH		△...3	IC802S	AA96-00310F	ASSY HEAT SINK P;AA62-00062A,STR-X6459A,	S.N.A
....4	CN906	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH		...4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
....4	CN906	3711-002642	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH		...4	M0081	6003-000333	SCREW-TAPTITE;RH,+2S,M3,L10,ZPC(YEL),SW	S.N.A
....4	PCB	AA41-00611A	PCB-VM;HCM4215W,FR-1,1LA,1.6T,245X245,P	S.N.A	...4	T0175	AA62-00062A	HEAT SINK-PS;-T2.0,SILVER,-,-,-,108	S.N.A
....4	RZ114	2003-000458	R-METAL OXIDE(S);100ohm,5%,2W,AF,TP,4x12		...4	IC063	BP13-00004A	IC HYBRID;STR-X6459A,COMMANDO,7,-20 TO +	
....4	CZ103	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,500V,Y5U,TP		...3	IC301	AA96-00623A	ASSY HEAT SINK P;-POWER,AA62-00056A,LA7	S.N.A
....4	CZ105	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,500V,Y5U,TP		...4	M0081	6003-000334	SCREW-TAPTITE;RH,+2S,M3,L6,ZPC(YEL),SWR	S.N.A
...3	M2893	BP39-00069D	LEAD CONNECTOR;P60A,UL1007#26,UL/CSA,6P,		...4	T0175	AA62-00056A	HEAT SINK-PS;-T1.0,-,41*35*70,D2,-,-	S.N.A
.2	T0101	BP94-00967A	ASSY PCB MISC-SENSOR;BP94-00134E,SENSOR		...4	T0088	1204-000517	IC-VERTICAL DEF;-LA7845,SIP,7P,-,PLASTIC	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-RS60S,D1.2,63Sn/37Pb,	S.N.A	...4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
...3	CN906	3711-000447	CONNECTOR-HEADER;BOX,3P,1R,2.5MM,ANGLE,-		...3	ICZ101	AA96-02064A	ASSY HEAT SINK P;AA62-30173N,SCREW,STK39	S.N.A
...3	T0211	BP97-00456E	ASSY SMD-SENSOR;SENSOR,ALL	S.N.A	...3	ICZ102	AA96-02064A	ASSY HEAT SINK P;AA62-30173N,SCREW,STK39	S.N.A
....4	R03	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608		...4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
....4	R02	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608		...4	M0081	6003-001021	SCREW-TAPTITE;RH,+B,M3,L15,ZPC(YEL),SWR	S.N.A
....4	R01	2007-000305	R-CHIP;1Mohm,5%,1/10W,TP,1608		...4	T0066	AA62-30173N	HEAT SINK-ES;SVP-42Q2HLA6063,2.0,94,120	S.N.A
....4		AA41-00853B	PCB SENSOR;SENSOR,FR,4,2,1.6T,245*245,10	S.N.A	...4	IC063	BP13-00006A	IC HYBRID;-STK394-250,18 PIN,-30 +125,	
....4	D01	BP32-00001A	SENSOR PHOTO;BCS5030G1,-40 TO +85,0.42 U		△...3	TS801S	BN26-00004A	TRANS SWITCHING-DPMS;EE 2020,LCD-TV,400V	
....4		0202-001375	SOLDER-CREAM;RMA-20-21L,S63,-,Sn63/Pb36.	S.N.A	△...3	T801S	BP26-00002C	TRANS SWITCHING;VD074-04,CHAMP,400V,PL-5	
....4	Q01	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT		...3	T301	BP26-00016A	TRANS-FOCUS;P60A,SVP-42Q2HL,10 pin,2.2mH	
.2	T0097	BP94-01431K	ASSY PCB MISC-PWR DEF;SP43Q5HL1X/XAX,J60		...3	M2893	BP39-00092A	LEAD CONNECTOR;P58A,1007#26,UL/CSA,15P,1	
...3	T0245	0202-001366	SOLDER-WIRE FLUX;-RS60S,D1.2,63Sn/37Pb,	S.N.A	...3	M2893	BP39-00092A	LEAD CONNECTOR;P58A,1007#26,UL/CSA,15P,1	
△...3	DS801S	0402-000102	DIODE-BRIDGE;D2SB60,600V,1.5A,SIP-4,ST		...3	M2893	BP39-00122A	LEAD CONNECTOR;P60A,UL1617#22,UL/CSA,6/4	
...3	D803	0402-000250	DIODE-RECTIFIER;RG4C,1KV,2A,-,-		...3	M2893	BP39-00181A	LEAD CONNECTOR;J60B,UL1617#22,UL/CSA,3P,	
...3	D413	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5A,-,TP		...3	M2893	BP39-00183A	LEAD CONNECTOR;J60B,UL1007#26,UL/CSA,10P	
...3	Q303	0502-000442	TR-POWER;2SC4636RB,NPN,2W,TO-220,ST,10-		...3	M2893	BP39-00188A	LEAD CONNECTOR;J60B,UL1007#26,UL/CSA,8P,	
△...3	PC811S	0604-001032	PHOTO-COUPLER;TR,170-260%,300mW,DIP-4,ST		...3	D851	BP96-00020U	ASSY HEAT SINK P;AA62-00045A,SCREW,FML-G	S.N.A
△...3	PC812S	0604-001032	PHOTO-COUPLER;TR,170-260%,300mW,DIP-4,ST		...4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
...3	ICZ104	1001-000208	IC-ANALOG SWITCH;CD4066BN,BILATERAL CMOS		...4	M0081	6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A
...3	DU410	1201-000191	IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV		...4	T0175	AA62-00045A	HEAT SINK-PS;-T1.0,-,DREAM,-,-,-,-	S.N.A
...3	DU410	1201-000191	IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV		...4	H/S	0402-000233	DIODE-RECTIFIER;FML-G12S,200V,5A,-,-	
...3	DU410	1201-000229	IC-OP AMP;324,DIP,14P,300MIL,QUAD,100V/m		...3	Q401	BP96-00159A	ASSY HEAT SINK P;H/S,SCREW,FJL6920,FMP-3	S.N.A
...3	IC811	1203-000119	IC-NEGA.FIXED REG.;7905,TO-220,3P,-,PLAS		...4	M0081	6003-000333	SCREW-TAPTITE;RH,+2S,M3,L10,ZPC(YEL),SW	S.N.A
...3	IC012	1203-000165	IC-POS1.ADJUST REG.;78R12,TO-220,4P,-,PL		...4	T0239	BH73-00028B	SILICON/RUBBER-HS;TV ALL,SILICON,26*30*T	S.N.A
...3	T0086	1203-002177	IC-PWM CONTROLLER;VIPER12ADIP,DIP,8P,300		...4	T0175	BP62-00015A	HEAT SINK-PS;WT-3624HR,A1050S,T2.0,86,80	S.N.A
△...3	RY801S	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x		...4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
...3	R806	2009-001096	R-METAL PLATE;0.07ohm,5%,5W,CL,BK,5x14x1		...4	T0105	AA60-30001A	WASHER-PLATE;M3,ID3.5,15X8.5,T1.0,SBHG	S.N.A
△...3	CY801S	2201-000963	C-CERAMIC,DISC;1NF,20%,400V,Y5U,TP,9.5X6		...4	CIS	0402-001296	DIODE-RECTIFIER;FMP-3FU,1.5KV,5A,DO-201A	
△...3	CY802S	2201-000963	C-CERAMIC,DISC;1NF,20%,400V,Y5U,TP,9.5X6		...4	CIS	0502-001230	TR-POWER;FJL6920YDTU,N,200000MW,TO-264 F	
△...3	CY803S	2201-000987	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,BK,12.		...3	D808	BP96-00335D	ASSY HEAT SINK P;BP62-00035A,SCREW,SLA10	S.N.A
△...3	CY804S	2201-000987	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,BK,12.		...4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A
...3	C414	2301-001185	C-FILM,LEAD-PPF;620NF,5%,400V,BK,14.5X26		...4	M0081	6003-000333	SCREW-TAPTITE;RH,+2S,M3,L10,ZPC(YEL),SW	S.N.A
△...3	C410S	2301-001338	C-FILM,LEAD-OTHER;0.68NF,5%,1.6KV,BK,28X		...4	T0175	BP62-00035A	HEAT SINK-PS;P57A,A1050S,T2.0,12.5,66,WH	S.N.A
...3	C422	2301-001385	C-FILM,LEAD-PPF;30nF,5%,630V,TP,20x15.5x		...4	H/S	0402-001596	DIODE-RECTIFIER;SLA1004,200/700,3.5A,-,S	
...3	C421	2301-001583	C-FILM,LEAD-PPF;3nF,5%,2KV,BK,25x13X7MM,		...3	T0016	BP97-00902E	ASSY AUTO-SUB;USA,P60B	S.N.A
△...3	C417S	2301-001687	C-FILM,MPEF;3.3nF,3%,2000V,BK,25.5X13X7m		...4	D301	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
...3	C420	2303-001018	C-FILM,LEAD-PPF;15nF,5%,630V,TP,20x9x15.		...4	D406	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
...3	C418	2306-000147	C-FILM,LEAD-PPF;1uF,5%,250V,BK,26x24x15.		...4	D416	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
△...3	C408S	2306-000322	C-FILM,LEAD-PPF;12NF,5%,1.6KV,BK,29X20.5		...4	D417	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
...3	C436	2401-000703	C-AL;2200uF,20%,25V,GP,-,12.5x25mm,		...4	DS802	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
...3	C816	2401-000787	C-AL;220uF,20%,160V,GP,BK,16x31.5mm,7.5		...4	DS805	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
...3	CS801	2401-000957	C-AL;22uF,20%,450V,GP,BK,16X25MM,7.5		...4	DS807	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
...3	C803	2401-001426	C-AL;470uF,20%,400V,GP,-,35x45mm,10		...4	DS808	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
...3	C870	2401-001675	C-AL;820uF,20%,200V,GP,BK,25x50mm,1		...4	D802	0401-000006	DIODE-SWITCHING;BAV21,250V,200MA,DO-35,T	
...3	C822	2401-002216	C-AL;2200uF,20%,35V,GP,TP,16x25,7.5		...4	D806	0401-000006	DIODE-SWITCHING;BAV21,250V,200MA,DO-35,T	

Electrical Part List

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
....4	DS803	0401-000006	DIODE-SWITCHING;BAV21,250V,200MA,DO-35,T		4	R447	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DS804	0401-000006	DIODE-SWITCHING;BAV21,250V,200MA,DO-35,T		4	R812	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D101	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	RZ117	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D102	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	RZ123	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D401	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	RZ164	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D407	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	R444	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D409	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	RZ118	2001-000347	R-CARBON;13KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D411	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	R448	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D412	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	R409	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D805	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	R427	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D807	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP		4	R428	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D415	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L		4	R439	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D809	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L		4	R317	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D403	0402-000537	DIODE-RECTIFIER;RH1A,600V,0.6A,DO-204AC		4	R466	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D302	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T		4	RZ121	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D414	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T		4	RZ122	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	D402	0402-001286	DIODE-RECTIFIER;RP1H,2000V,0.1A,TO-3P,TP		4	RZ158	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ402	0403-000367	DIODE-ZENER;UZ7.5BSC,7.3-7.7V,500MW,DO-3		4	R434	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ403	0403-000367	DIODE-ZENER;UZ7.5BSC,7.3-7.7V,500MW,DO-3		4	RZ102	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ301	0403-000699	DIODE-ZENER;TZP27B,27-30.8V,1000MW,DO-41		4	RZ104	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ303	0403-000699	DIODE-ZENER;TZP27B,27-30.8V,1000MW,DO-41		4	RZ110	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ801	0403-000704	DIODE-ZENER;TZP7.5B,7.5-8.4V,1000MW,DO-4		4	RZ112	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ807	0403-000704	DIODE-ZENER;TZP7.5B,7.5-8.4V,1000MW,DO-4		4	RZ114	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ802	0403-000705	DIODE-ZENER;TZP8.2B,8.2-9.3V,1000MW,DO-4		4	R432	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ804	0403-000705	DIODE-ZENER;TZP8.2B,8.2-9.3V,1000MW,DO-4		4	R431	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ406	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500mW,D		4	RZ126	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ407	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500mW,D		4	RZ130	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ407A	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500mW,D		4	RZ134	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ408	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500mW,D		4	RZ139	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ408A	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500mW,D		4	RZ143	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ803	0403-000716	DIODE-ZENER;MTZJ4.7B,4.59-4.77V,500MW,DO		4	RZ147	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ405	0403-000719	DIODE-ZENER;MTZJ7.5B,7.11-7.44V,500MW,DO		4	RZ167	2001-000702	R-CARBON;39KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ304	0403-000734	DIODE-ZENER;TZP15B,14.7-16.5V,1000MW,DO-		4	RZ168	2001-000702	R-CARBON;39KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ305	0403-000734	DIODE-ZENER;TZP15B,14.7-16.5V,1000MW,DO-		4	R404	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ806	0403-001167	DIODE-ZENER;MTZJ30D,29.02-30.51V,500MW,D		4	R406	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ401	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500MW,DO		4	R820	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ404	0403-001321	DIODE-ZENER;MTZJ6.8C,6.7-6.97V,500MW,DO-		4	R302	2001-000761	R-CARBON;4300HM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ809	0403-001325	DIODE-ZENER;MTZJ15C,14.42-15.02V,500MW,D		4	R305	2001-000761	R-CARBON;4300HM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ808	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500MW,D		4	RZ120	2001-000773	R-CARBON;470KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ302	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.2V,500MW,DO		4	R435	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ306	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.2V,500MW,DO		4	RZ124	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZS805	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.2V,500MW,DO		4	RZ162	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZS804	0403-001330	DIODE-ZENER;MTZJ30A,26.99-28.39V,500MW,DO		4	RZ165	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DS806	0404-001056	DIODE-SCHOTTKY;RK16,60V,1500MA,DO-204AC,		4	R457	2001-000800	R-CARBON;5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZ805	0406-001007	DIODE-TVS;P6KE180A,171/180/189V,600W,CAS		4	RZ106	2001-000800	R-CARBON;5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZS802	0406-001062	DIODE-TVS;P6KE200A,190/200/210V,600W,CAS		4	RZ135	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	DZS803	0406-001106	DIODE-TVS;P6KE300A,285/-315V,600W,DO-20		4	RZ140	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	QS802	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,		4	RZ144	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	Q403	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T		4	RZ148	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	Q410	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T		4	RZ157	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	Q301	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		4	RZ160	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	Q406	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		4	RZ115	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	Q408	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		4	RZ116	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	Q411	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		4	RZ125	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	Q801	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		4	R468	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	QS803	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		4	R441	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	QZ101	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		4	R442	2001-000958	R-CARBON;750ohm,5%,1/8W,AA,TP,1.8X3.2mm	
....4	IC012	1203-000002	IC-POSIAJUST REG.;431,TO-92,3P,PLAST		4	R405	2001-000989	R-CARBON;820KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	R440	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R422	2001-001037	R-CARBON(S);0.39OHM,5%,1/2W,AA,TP,2.4X6.	
....4	RZ119	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R461	2001-001043	R-CARBON(S);0OHM,5%,1/2W,AA,TP,2.4X6.4MM	
....4	RZ163	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R814	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	RZ166	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R818	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R430	2001-000010	R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RS803	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R433	2001-000010	R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R810	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R304	2001-000016	R-CARBON(S);1OHM,5%,1/2W,AA,TP,2.4X6.4MM		4	R815	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	R808	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA,TP,2.4X6.		4	RS805	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	RS807	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4		4	RS806	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
....4	RS804	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.		4	RZ107A	2001-001103	R-CARBON(S);20KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R807	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4		4	RZ108A	2001-001103	R-CARBON(S);20KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R452	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R470	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R316	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R809	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
....4	RZ161	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R312	2001-001113	R-CARBON(S);270KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R301	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R313	2001-001113	R-CARBON(S);270KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R407	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	R314	2001-001113	R-CARBON(S);270KOHM,5%,1/2W,AA,TP,2.4X6.	
....4	R436	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RZ101	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R437	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RZ103	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
....4	R438	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		4	RZ105	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
....4	RZ109	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4		4	RZ128	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ111	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4		4	RZ129	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ113	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4		4	RZ132	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	R423	2001-001116	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4M		4	RZ133	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	R424	2001-001116	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4M		4	RZ136	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	R836	2001-001131	R-CARBON(S);33KOHM,5%,1/2W,AA,TP,2.4X6.4		4	RZ137	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	R801	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA,TP,2.4X6.4		4	RZ141	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	R802	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA,TP,2.4X6.4		4	RZ142	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	R401	2001-001155	R-CARBON(S);5.6KOHM,5%,1/2W,AA,TP,2.4X6.4		4	RZ145	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ107	2001-001155	R-CARBON(S);5.6KOHM,5%,1/2W,AA,TP,2.4X6.4		4	RZ146	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	RZ108	2001-001155	R-CARBON(S);5.6KOHM,5%,1/2W,AA,TP,2.4X6.4		4	RZ149	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	R460	2001-001164	R-CARBON(S);56KOHM,5%,1/2W,AA,TP,2.4X6.4		4	RZ150	2008-001155	R-FUSIBLE;3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM	
....4	R414	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4		△....4	RR401S	2103-001086	VR-SEMI;100KOHM,25%,0.3W,TOP	
....4	R415	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4		4	C810	2201-000017	C-CERAMIC,DISC;1nF,10%,50V,Y5P,-,5x3.5mm	
....4	R455	2001-001179	R-CARBON(S);68KOHM,5%,1/2W,AA,TP,2.4X6.4		4	C404	2201-000112	C-CERAMIC,DISC;1.5NF,10%,50V,Y5V,TP,5X3.	
....4	J212	2001-001185	R-CARBON(S);750OHM,5%,1/2W,AA,TP,2.4X6.4		4	C406	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	R821	2001-001187	R-CARBON(S);750OHM,5%,1/2W,AA,TP,2.4X6.4M		4	C805	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	R403	2001-001188	R-CARBON(S);8.2KOHM,5%,1/2W,AA,TP,2.4X6.4		4	C833	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	R402	2001-001194	R-CARBON(S);82KOHM,5%,1/2W,AA,TP,2.4X6.4		4	C872	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	R811	2001-001196	R-CARBON(S);9.1KOHM,5%,1/2W,AA,TP,2.4X6.4		4	C873	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	R417	2001-003218	R-CARBON(S);0.18ohm,10%,1/2W,AA,TP,2.4x6		4	CS807	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	R320	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9		4	CZ136	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	R323	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9		4	CZ137	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
....4	R321	2002-001096	R-COMPOSITION;120KOHM,5%,1/2W,AA,TP,3X9M		4	C809	2201-000138	C-CERAMIC,DISC;0.1NF,10%,50V,Y5P,TP,4X4M	
....4	R322	2002-001096	R-COMPOSITION;120KOHM,5%,1/2W,AA,TP,3X9M		4	C428	2201-000144	C-CERAMIC,DISC;0.1NF,5%,50V,C0G,TP,8.5X3	
....4	R315	2003-000012	R-METAL OXIDE(S);100Kohm,5%,1W,AA,TP,3.3		4	C863	2201-000163	C-CERAMIC,DISC;10NF,+80-20%,50V,Y5V,TP,7	
....4	R804	2003-000512	R-METAL OXIDE(S);15Kohm,5%,3W,AA,TP,6x16		4	C807	2201-000234	C-CERAMIC,DISC;0.15NF,5%,50V,C0G,TP,9X3M	
....4	R805	2003-000512	R-METAL OXIDE(S);15Kohm,5%,3W,AA,TP,6x16		4	C424	2201-000281	C-CERAMIC,DISC;1NF,+80-20%,50V,Y5V,TP,5X	
....4	R418	2003-000540	R-METAL OXIDE(S);1Kohm,5%,2W,AF,TP,4x12m		4	C801	2201-000332	C-CERAMIC,DISC;2.2NF,20%,250V,Y5U,TP,9X4	
....4	R419	2003-000540	R-METAL OXIDE(S);1Kohm,5%,2W,AF,TP,4x12m		4	CS810	2201-000332	C-CERAMIC,DISC;2.2NF,20%,250V,Y5U,TP,9X4	
....4	R425	2003-000586	R-METAL OXIDE(S);22Kohm,5%,2W,AF,TP,4x12		4	C834	2201-000376	C-CERAMIC,DISC;0.22NF,5%,50V,SL,TP,6.3X3	
....4	R426	2003-000586	R-METAL OXIDE(S);22Kohm,5%,2W,AF,TP,4x12		4	C407S	2201-000406	C-CERAMIC,DISC;0.27NF,10%,2KV,Y5P,TP,6.3	
....4	R318	2003-000690	R-METAL OXIDE(S);4.7ohm,5%,2W,AA,TP,4x12		4	C411	2201-000406	C-CERAMIC,DISC;0.27NF,10%,2KV,Y5P,TP,6.3	
....4	R303	2003-001018	R-METAL OXIDE(S);220ohm,5%,2W,AF,TP,3.9x		4	CS804	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,500V,Y5U,TP	
....4	RZ151	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	C433	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	RZ151A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	C434	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	RZ152	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	C437	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	RZ152A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	C813	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	RZ153	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	C817	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	RZ153A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	C818	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	RZ154	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	C819	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	RZ154A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	C820	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	RZ155	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	CS808	2201-000556	C-CERAMIC,DISC;0.47NF,10%,500V,Y5P,TP,5.	
....4	RZ155A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	C315	2201-002028	C-CERAMIC,DISC;0.47NF,10%,2KV,Y5P,TP,7.5	
....4	RZ156	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	CZ109	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	RZ156A	2003-001024	R-METAL OXIDE(S);150ohm,5%,2W,AF,TP,3.9x		4	CZ110	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	R311	2003-001036	R-METAL OXIDE(S);3.3ohm,5%,2W,AF,TP,3.9x		4	CZ111	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	R469	2004-000310	R-METAL;13Kohm,1%,1/4W,AA,TP,2.4x6.4mm		4	CZ121	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	R429	2004-000327	R-METAL;150Kohm,1%,1/4W,AA,TP,2.4x6.4mm		4	CZ122	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	R813	2004-000679	R-METAL;2Kohm,1%,1/4W,AA,TP,2.4x6.4mm		4	CZ123	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
....4	R411	2004-000698	R-METAL;3.3Kohm,1%,1/4W,AA,TP,2.4x6.4mm		4	CZ112	2202-000205	C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1.	
....4	R412	2004-000698	R-METAL;3.3Kohm,1%,1/4W,AA,TP,2.4x6.4mm		4	CZ114	2202-000205	C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1.	
....4	R819	2004-001369	R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4		4	CZ119	2202-000205	C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1.	
....4	R458	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm		4	CZ124	2202-000205	C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1.	
....4	R463	2004-001399	R-METAL(S);5.1Kohm,1%,1/2W,AA,TP,2.4x6.4		4	CZ129	2202-000205	C-CERAMIC,MLC-AXIAL;22pF,5%,50V,SL,TP,1.	
....4	R462	2004-001892	R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5		4	CZ126	2202-000561	C-CERAMIC,MLC-RADIAL;0.68NF,5%,50V,C0G,T	
....4	R453	2004-001893	R-METAL(S);22Kohm,1%,1/2W,AA,TP,2.5x6.5m		4	C866	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	R306	2004-001897	R-METAL(S);43.2Kohm,1%,1/2W,AA,TP,2.5x6.4		4	C868	2202-000654	C-CERAMIC,MLC-RADIAL;100nF,10%,50V,X7R,T	
....4	R308	2004-001897	R-METAL(S);43.2Kohm,1%,1/2W,AA,TP,2.5x6.4		4	CZ113	2202-000825	C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP	
....4	R449	2004-001897	R-METAL(S);43.2Kohm,1%,1/2W,AA,TP,2.5x6.4		4	CZ115	2202-000825	C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP	
....4	R817	2004-001983	R-METAL(S);2.49Kohm,1%,1/2W,AA,TP,2.4x6.4		4	CZ120	2202-000825	C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP	
....4	R307	2004-001984	R-METAL(S);26.7Kohm,1%,1/2W,AA,TP,2.4x6.4		4	CZ125	2202-000825	C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP	
....4	R309	2004-001984	R-METAL(S);26.7Kohm,1%,1/2W,AA,TP,2.4x6.4		4	CZ127	2202-000825	C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP	
....4	R816	2004-002011	R-METAL(S);110Kohm,1%,1/2W,AA,TP,2.4x6.4		4	CZ130	2202-000825	C-CERAMIC,MLC-AXIAL;680pF,10%,50V,Y5P,TP	
....4	R471	2004-002018	R-METAL(S);220Kohm,1%,1/2W,AA,TP,2.4x6.4		4	CZ101	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
....4	R451	2004-002022	R-METAL(S);51Kohm,1%,1/2W,AA,TP,2.4x6.4m		4	CZ102	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
....4	R456	2004-004048	R-METAL(S);3.9Kohm,1%,1/2W,AA,TP,2.5x6.5		4	CZ103	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
....4	R408	2004-005051	R-METAL(S);2.2KOHM,1%,1/2W,AA,TP,2.4X6.4		4	CZ105	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
....4	R410	2004-005076	R-METAL;750ohm,1%,1/2W,AA,TP,2.5X6.5mm		4	CZ106	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
△....4	RS801S	2008-000205	R-FUSIBLE(S);1ohm,5%,1/2W,AF,TP,2.5x6.5		4	CZ107	2202-000863	C-CERAMIC,MLC-AXIAL;560pF,10%,50V,Y5P,TP	
△....4	RS802S	2008-000206	R-FUSIBLE(S);1ohm,5%,1/2W,AF,TP,2.5x6.5m		4	C829	2301-000010	C-FILM,LEAD-PEF;100nF,5%,100V,TP,11.5x12	
....4	R464	2008-000252	R-FUSIBLE(S);0.47ohm,10%,1/2W,AF,TP,2.5x		4	C439	2301-000175	C-FILM,LEAD-PEF;15nF,5%,50V,TP,7.1x3.5x1	
....4	R413	2008-000253	R-FUSIBLE(S);0.47ohm,5%,1W,AF,TP,3.9x10m		4	C307	2301-000188	C-FILM,LEAD-PEF;1nF,5%,100V,TP,10.5x12.5	
....4	R416	2008-000253	R-FUSIBLE(S);0.47ohm,5%,1W,AF,TP,3.9x10m		4	C309	2301-000188	C-FILM,LEAD-PEF;1nF,5%,100V,TP,10.5x12.5	
....4	R459	2008-000253	R-FUSIBLE(S);0.47ohm,5%,1W,AF,TP,3.9x10m		4	C314	2301-000192	C-FILM,LEAD-PEF;1nF,5%,50V,TP,5.3x10mm,5	
....4	R467	2008-000253	R-FUSIBLE(S);0.47ohm,5%,1W,AF,TP,3.9x10m		4	C432	2301-000213	C-FILM,LEAD-PEF;220nF,5%,250V,TP,21.5x11	
....4	R310	2008-001076	R-FUSIBLE(S);1.8ohm,5%,2W,AF,TP,3.9x10mm		4	C423	2301-000224	C-FILM,LEAD-PEF;22nF,5%,50V,TP,7.4x3.9x1	

Electrical Part List

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	C405	2301-000356	C-FILM,LEAD-PEF;47nF,5%,50V,TP,7.5x4.0x6	
....4	CS809	2301-000356	C-FILM,LEAD-PEF;47nF,5%,50V,TP,7.5x4.0x6	
....4	C425	2301-000445	C-FILM,LEAD-PEF;4.7nF,5%,50V,TP,5.5x7x3mm	
....4	C426	2301-000445	C-FILM,LEAD-PEF;4.7nF,5%,50V,TP,5.5x7x3mm	
....4	C403	2301-001194	C-FILM,LEAD-PPF;470nF,5%,250V,TP,18x16x8	
....4	C831	2301-001216	C-FILM,LEAD-PPF;47nF,5%,630V,TP,20x14.5x	
△	C811	2301-001342	C-FILM,LEAD-PPF;1.5nF,5%,800V,TP,15x6.5x	
△	C413S	2301-001686	C-FILM,PEF;2.0nF,3%,2000V,bk,20X12.5X6.5	
△	C409S	2303-000002	C-FILM,LEAD-PPF;8.2nF 5% 400V TP 19X18X7	
....4	C302	2305-000149	C-FILM,LEAD-PEF;100nF,5%,100V,TP,12x12.5	
....4	C416	2305-000178	C-FILM,LEAD-PEF;10nF,5%,100V,TP,-,5mm	
....4	C301	2305-000285	C-FILM,LEAD-PEF;220nF,5%,100V,TP,10.5X5.	
....4	C828	2305-000289	C-FILM,LEAD-PEF;220nF,5%,63V,TP,-,5mm	
....4	C835	2305-000289	C-FILM,LEAD-PEF;220nF,5%,63V,TP,-,5mm	
....4	C401	2305-000407	C-FILM,LEAD-PEF;470nF,5%,100V,TP,-,5mm	
....4	C812	2305-000412	C-FILM,LEAD-PEF;470nF,5%,63V,TP,-,5mm	
....4	C419	2305-000665	C-FILM,LEAD-PEF;100nF,5%,63V,TP,7.5x4.0x	
....4	C313	2305-000704	C-FILM,LEAD-PEF;100nF,5%,250V,TP,16.5x10	
....4	C407	2306-000122	C-FILM,LEAD-PPF;100nF,5%,50V,TP,7.3x4.0x	
....4	CZ134	2306-000122	C-FILM,LEAD-PPF;100nF,5%,50V,TP,7.3x4.0x	
....4	CS806	2401-000010	C-AL;220uF,20%,16V,GP,-,6.3x11mm,2.5	
....4	C869	2401-000025	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
....4	C438	2401-000050	C-AL;10uF,20%,16V,GP,TP,5x11,2.5	
....4	C827	2401-000142	C-AL;1000uF,20%,16V,WT,TP,10x20,5	
....4	C427A	2401-000293	C-AL;100uF,+30-10%,200V,GP,TP,16x25	
....4	C408	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
....4	C412	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
....4	C830	2401-000302	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
....4	C304	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11,5,5	
....4	C305	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11,5,5	
....4	C832	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11,5,5	
....4	CZ135	2401-000471	C-AL;10uF,20%,50V,BP,TP,5x11,5mm	
....4	C429	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	C430	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	CS802	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
....4	CZ108	2401-000603	C-AL;1uF,20%,50V,GP,TP,5X11,2	
....4	C826	2401-000698	C-AL;220uF,20%,16V,WT,TP,12.5x25,5	
....4	C821	2401-000703	C-AL;220uF,20%,25V,GP,-,12.5x25mm,	
....4	C402	2401-000852	C-AL;220uF,20%,35V,GP,TP,8x11.5mm,5	
....4	C435	2401-000925	C-AL;22uF,20%,250V,GP,TP,10x20mm,5m	
....4	C431	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
....4	C865	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
....4	C867	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
....4	CZ104	2401-001428	C-AL;470uF,20%,50V,GP,TP,10x20,5	
....4	CZ131	2401-001428	C-AL;470uF,20%,50V,GP,TP,10x20,5	
....4	C808	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
....4	C440	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
....4	C806	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
....4	CS803	2401-002300	C-AL;47uF,20%,50V,GP,TP,6.3x11,5	
....4	C415	2401-003114	C-AL;4.7uF,20%,250V,WT,TP,10x16,5	
....4	CS805	2401-003473	C-AL;680UF,20%,16V,GP,TP,10X12.5MM,5	
....4	LZ101	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LZ102	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LZ103	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LZ104	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LZ105	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LZ106	2701-000142	INDUCTOR-AXIAL;1UH,10%,2534	
....4	LS804	2701-001040	INDUCTOR-AXIAL;10UH,10%,4514	
....4	F101	2901-000297	FILTER-EMI ON BOARD,-,3A,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD,-,3A,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD,-,3A,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD,-,3A,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD,-,3A,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD,-,3A,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD,-,3A,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD,-,3A,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD,-,3A,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD,-,3A,-,3.5x5,TP,-	
....4	F101	2901-000297	FILTER-EMI ON BOARD,-,3A,-,3.5x5,TP,-	
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,50	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,50	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,50	S.N.A
....4	L2514	3301-000287	BEAD-AXIAL;3.5x1.0x6.0mm,3000mA,TP,,50	S.N.A
△	FD801S	3601-001064	FUSE-AXIAL LEAD;125V,4A,FAST-ACTING,GLAS	
△	FD802S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
△	FD804S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
△	FD805S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	

Level	Loc.No.	Code No.	Description;Specification	Remark
....4	EL13	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL14	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL42	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL43	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL44	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL45	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL46	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL47	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL48	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL82	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL83	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL84	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL93	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL94	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL1	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EL2	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	EY10	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY101	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY102	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY103	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY104	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY107	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY108	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY109	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY11	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY110	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY111	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY112	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY113	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY114	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY115	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY117	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY118	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY119	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY12	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY120	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY123	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY124	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY127	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY128	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY15	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY16	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY17	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY18	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY19	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY20	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY21	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY22	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY23	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY26	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY27	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY28	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY29	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY30	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY31	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY32	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY33	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY34	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY35	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY36	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY37	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY38	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY39	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY40	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY41	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY49	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY50	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY51	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY52	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY55	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY56	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY57	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY58	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY59	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY60	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY61	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY62	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
....4	EY63	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	△....4	VX801S	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
....4	EY64	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	△....4	RP801S	2002-001010	R-COMPOSITION;1.8Mohm,5%,1/2W,AA,TP,3.7x	
....4	EY65	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	△....4	RX801S	2002-001021	R-COMPOSITION;560KOHM,5%,1/2W,AA,TP,3.7X	
....4	EY66	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	F801A	3602-000114	FUSE-HOLDER;-,-,30mohm	
....4	EY67	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	F801B	3602-000114	FUSE-HOLDER;-,-,30mohm	
....4	EY68	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY01	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY69	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY02	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY70	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY03	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY71	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY04	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY72	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY05	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY73	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY06	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY74	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY07	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY75	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY08	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY76	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY09	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY77	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY10	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY78	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY11	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY79	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY12	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY80	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY13	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY81	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY14	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY85	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY15	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY86	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY16	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY87	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY17	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY88	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY18	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY89	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY19	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY9	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY20	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY90	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY21	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY91	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY22	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY92	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY23	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY95	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY24	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY96	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY25	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY98	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY26	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY100	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY27	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY105	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	EY45	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
....4	EY106	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT803	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A
....4	EY116	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	4	GT805	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A
....4	GT304	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	4	GT812	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A
....4	GT305	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	4	GT814	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A
....4	GT306	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	4	0	BP41-00206A	PCB-LINE FILTER;OMEGA-2,FR-1,1L,A,1.6T,2	S.N.A
....4	GT400	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	2	T0091	BP94-01433A	ASSY PCB MISC-A/V SIDE;SP43Q5HL1X/XEC,J6	
....4	GT406	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	3	T0245	0202-001366	SOLDER-WIRE FLUX;-,-,RS60S,D1.2.63Sn/37Pb,	S.N.A
....4	GT407	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	3	CN906	3711-000570	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,ANGLE,	
....4	GT408	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	3	JK102	3722-001164	JACK-PIN;3P,3.4mm,SN,W/HE:RE #16-22	
....4	GT409	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	3	T0569	BP97-00913B	ASSY AUTO-A/V SIDE;SP43Q5HL1X/XEC,J60B	S.N.A
....4	GT410	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	4	0	BP41-00201A	PCB-A/V;SP42Q5,FR-1,1L,A,1.6T,90°30,J60A	S.N.A
....4	GT411	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	3	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
....4	GT803	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	3	M2893	BP39-00056A	LEAD CONNECTOR;P57A/SVP-55WHT,UL1185#26,	
....4	GT804	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	3	JK101	3722-000542	JACK-VHS;4P,-,SN,BLK,N	
....4	GT805	BH71-40300A	PIN-HINGE;BRASS,D2.36I,HEAT/SINK,SN	S.N.A	2	T0245	BP94-01443A	ASSY PCB MISC-KEY CONTROL;SP43Q5HL1X/XEC	
....4	0	BP41-00049E	PCB SUB-POWER;SVP-42Q2HL,CEM-1,1L,1.6T,3	S.N.A	3	T0245	0202-001366	SOLDER-WIRE FLUX;-,-,RS60S,D1.2.63Sn/37Pb,	S.N.A
....4	QZ102	0504-001034	TR-DIGITAL;KRC104M,NPN,400MW,47K/47K,TO-		3	CN906	3711-000609	CONNECTOR-HEADER;BOX,11P,1R,2.5MM,ANGLE,	
....4	QZ103	0504-001034	TR-DIGITAL;KRC104M,NPN,400MW,47K/47K,TO-		3	CN906	3711-001075	CONNECTOR-HEADER;BOX,7P,1R,2.50MM,ANGLE,	
....4	R420	2003-002028	R-METAL OXIDE(S);110ohm,5%,2W,AF,TP,3.9x		3		BP97-00600A	ASSY AUTO-SIDE CONTROL;SVP-42W5HL,P59A,	
....4	Q409	0505-001723	FET-SILICON;FOP630TSTU,N,200V,9A,0.4OHM,		4	RY04	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
....3	T0087	1203-001006	IC-POSIFIXED REG.;78R05,TO-220F,4P,-,PL		4	RY05	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
△....3	D801S	AA96-00276C	ASSY HEAT SINK P;-,-,BRIDGE,AA62-00052A,G	S.N.A	4	RY03	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	M0081	6003-000335	SCREW-TAPTITE;RH,+,2S,M3,L8,ZPC(YEL),SWR	S.N.A	4	RY02	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	T0063	AA60-30003A	WASHER;T1.5,SBHG-1	S.N.A	4	RY06	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM	
....4	T0175	AA62-00052A	HEAT SINK-PS;-,-,SILVER,HOLE 18.5mm, 2	S.N.A	4	SWY08	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4		0402-001399	DIODE-BRIDGE;GSIB660,600V,6A,SIP,4,BK		4	SWY07	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....4	CIS1	0205-001154	OIL-SILICON;G746,-,-	S.N.A	4	SWY06	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....3	M2893	BP39-00198B	LEAD CONNECTOR;OMEGA,UL1007#22,12PIN,400	S.N.A	4	SWY05	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....3	T444S	BP26-00022A	TRANS FBT;FUH50P002,PJTTV,2.05mH,U4277,F		4	SWY04	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....2	T0520	BP94-01432B	ASSY PCB MISC-LINE FILTER;OMEGA2,P60B,US		4	SWY03	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....3	T0245	0202-001366	SOLDER-WIRE FLUX;-,-,RS60S,D1.2.63Sn/37Pb,	S.N.A	4	SWY01	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm	
....3	T0900	1404-001195	THERMISTOR-NTC;5.1ohm,15%,2900,27mW/C,BK		4	M0119	BP41-00102A	PCB CONTROL;SVP-42Q2,FR-1,1L,A,1.6T,245°	S.N.A
△....3	CX801S	2301-001055	C-FILM,LEAD-PFF;330nF,20%,275V,TP,10x19.		3	M2893	BP39-00182A	LEAD CONNECTOR;J60B,UL1007#26,UL/CSA,7P,	
△....3	CX803S	2306-000318	C-FILM,LEAD-PFF;220NF,20%,250V,BK,-,22.5		2	T0065	BP94-02002A	ASSY PCB CRT;SP43Q5HL1X/XEC,J60B	
△....3	CX805S	2306-000318	C-FILM,LEAD-PFF;220NF,20%,250V,BK,-,22.5		3	T0245	0202-001366	SOLDER-WIRE FLUX;-,-,RS60S,D1.2.63Sn/37Pb,	S.N.A
△....3	CX802S	2306-000321	C-FILM,LEAD-PFF;470NF,20%,275V,BK,31X11X		3	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
△....3	FD802	3601-001007	FUSE-CARTRIDGE;250V,6.3A,TIME-LAG,GLASS,		3	V501	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
△....3	LX802S	AA29-00011A	FILTER LINE NOISE;CZ32W8,-,0.20MAX,1.5KV		3	V531	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
△....3	LX803S	AA29-00011A	FILTER LINE NOISE;CZ32W8,-,0.20MAX,1.5KV		3	V561	3704-001019	SOCKET-CRT;10P,29.1PI,35.5PI,AU30U,-	
△....3	LX804S	AA29-00011A	FILTER LINE NOISE;CZ32W8,-,0.20MAX,1.5KV		3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIG	
△....3	LX801S	AA29-30001Z	FILTER LINE NOISE;-,-,10mH,2.8A,-,SQE3535		3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIG	
....3	GT801	AA60-40012G	PIN-GT;3P,2.36PI,10/5mm,NYLON66,LOCKING	S.N.A	3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIG	
....3		BP97-00902H	ASSY AUTO-LINE FILTER;USA,P60B	S.N.A	3	CN906	3711-000577	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIG	
△....4	VP801S	1405-000152	VARISTOR;560V,2500A,14x8.5mm,TP		3	CN906	3711-001038	CONNECTOR-HEADER;BOX,6P,1R,2.5mm,STRAIGH	

Electrical Part List

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
...	3	CN906	3711-001084	CONNECTOR-HEADER;BOX,8P,1R,2.5MM,STRAIGH		....	R534	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	CN906	3711-003241	CONNECTOR-HEADER;BOX,14P,1R,2.5MM,STRAIG		....	R527	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	GT511	3722-001503	JACK-PIN;1P,1PI,NI,RED,SCR-JACK		....	R500	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	GT541	3722-001503	JACK-PIN;1P,1PI,NI,RED,SCR-JACK		....	R509	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	GT571	3722-001503	JACK-PIN;1P,1PI,NI,RED,SCR-JACK		....	R555	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	T0245	AA39-00198A	LEAD CONNECTOR-ASSY;3P,900/600MM,YFH800		....	R568	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	T0245	AA39-20010D	LEAD CONNECTOR-ASSY;1P,400,YFH800-01,S,		....	R542	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	T0245	AA39-20010D	LEAD CONNECTOR-ASSY;1P,400,YFH800-01,S,		....	R510	2001-000908	R-CARBON;62KOHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	T0603	AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	S.N.A	....	R540	2001-000908	R-CARBON;62KOHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	CIS1	AA65-00029A	CLAMPER CORE-WIRE;PJT,V,NYLON66,OD24,DONG	S.N.A	....	R564	2001-000908	R-CARBON;62KOHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	IC501	AA96-50311L	ASSY HEAT SINK P;-AMP,AA62-30175D ,TDA	S.N.A	....	R502	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	IC531	AA96-50311L	ASSY HEAT SINK P;-AMP,AA62-30175D ,TDA	S.N.A	....	R532	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM
...	3	IC561	AA96-50311L	ASSY HEAT SINK P;-AMP,AA62-30175D ,TDA	S.N.A	....	R528	2001-001015	R-CARBON;9.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM
...	4	M0081	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	S.N.A	....	R506	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.
...	4	T0175	AA62-30175D	HEAT SINK-PS;-SECC,T1.0,-,33X15X30 FT-2	S.N.A	....	R536	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.
...	4	T0074	1201-001131	IC-VIDEO AMP;6111,SIP,9P,-,SINGLE,-,PLAS		....	R566	2001-001049	R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.
...	3	M2893	BP39-00053A	LEAD CONNECTOR;P57A/SVP-55WHT,UL1007#26,		....	R514	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.
...	3	M2893	BP39-00053A	LEAD CONNECTOR;P57A/SVP-55WHT,UL1007#26,		....	R544	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.
...	3	T0103	BP59-00045A	MODULE-FOCUS PACK ASSY;SVP-43W6HE,F301-		....	R574	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.
...	3	T0100	BP97-00913D	ASSY AUTO-CRT;SP43Q5HL1X/CEC,J60B	S.N.A	....	R521	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.
...	4	D509	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		....	R551	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.
...	4	D510	0401-000005	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T		....	R581	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.
...	4	D503	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L		....	R507	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M
...	4	D533	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L		....	R537	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M
...	4	D563	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1.5A,DO-15L		....	R567	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M
...	4	D501	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T		....	R522	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7
...	4	D502	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T		....	R552	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7
...	4	D531	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T		....	R582	2002-001006	R-COMPOSITION;4.7KOHM,15%,1/2W,AA,TP,3.7
...	4	D532	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T		....	R515	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9
...	4	D561	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T		....	R545	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9
...	4	D562	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T		....	R575	2002-001017	R-COMPOSITION;1Kohm,10%,1/2W,AA,TP,3.7x9
...	4	DZ501	0403-000334	DIODE-ZENER;UZZ2.7BSA,2.54-2.75V,500MW,DO		....	R523	2002-001021	R-COMPOSITION;560KOHM,5%,1/2W,AA,TP,3.7X
...	4	DZ531	0403-000334	DIODE-ZENER;UZZ2.7BSA,2.54-2.75V,500MW,DO		....	R553	2002-001021	R-COMPOSITION;560KOHM,5%,1/2W,AA,TP,3.7X
...	4	DZ561	0403-000334	DIODE-ZENER;UZZ2.7BSA,2.54-2.75V,500MW,DO		....	R583	2002-001021	R-COMPOSITION;560KOHM,5%,1/2W,AA,TP,3.7X
...	4	DZ502	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO		....	R508	2003-000738	R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12
...	4	DZ532	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO		....	R538	2003-000738	R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12
...	4	DZ562	0403-000508	DIODE-ZENER;MTZJ5.6B,5.45-5.73V,500MW,DO		....	R588	2003-000738	R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12
...	4	DZ503	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500mW,D		....	R513	2008-000252	R-FUSIBLE(S);0.47ohm,10%,1/2W,AF,TP,2.5x
...	4	DZ533	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500mW,D		....	R543	2008-000252	R-FUSIBLE(S);0.47ohm,10%,1/2W,AF,TP,2.5x
...	4	DZ563	0403-000708	DIODE-ZENER;MTZJ13B,12.55-13.21V,500mW,D		....	R573	2008-000252	R-FUSIBLE(S);0.47ohm,10%,1/2W,AF,TP,2.5x
...	4	Q504	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T		....	C503	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,
...	4	Q533	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T		....	C533	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,
...	4	Q534	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T		....	C563	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,
...	4	Q563	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T		....	C514	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.
...	4	Q502	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T		....	C544	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.
...	4	Q501	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-		....	C574	2201-000599	C-CERAMIC,DISC;0.56NF,10%,500V,Y5P,TP,5.
...	4	Q531	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-		....	C511	2201-000723	C-CERAMIC,DISC;4.7NF,20%,3KV,Y5U,TP,16X5
...	4	Q561	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-		....	C541	2201-000723	C-CERAMIC,DISC;4.7NF,20%,3KV,Y5U,TP,16X5
...	4	R504	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C571	2201-000723	C-CERAMIC,DISC;4.7NF,20%,3KV,Y5U,TP,16X5
...	4	R556	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C513	2201-000983	C-CERAMIC,DISC;1NF,10%,2KV,Y5P,TP,9X5MM,
...	4	R516	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C543	2201-000983	C-CERAMIC,DISC;1NF,10%,2KV,Y5P,TP,9X5MM,
...	4	R541	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C573	2201-000983	C-CERAMIC,DISC;1NF,10%,2KV,Y5P,TP,9X5MM,
...	4	R546	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C505	2305-000149	C-FILM,LEAD-PEF;100nF,5%,100V,TP,12x12.5
...	4	R576	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C535	2305-000149	C-FILM,LEAD-PEF;100nF,5%,100V,TP,12x12.5
...	4	R524	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4		....	C565	2305-000149	C-FILM,LEAD-PEF;100nF,5%,100V,TP,12x12.5
...	4	R554	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4		....	C507	2305-000154	C-FILM,LEAD-PEF;100nF,5%,400V,TP,21.5x6.
...	4	R584	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4		....	C537	2305-000154	C-FILM,LEAD-PEF;100nF,5%,400V,TP,21.5x6.
...	4	R520	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4		....	C567	2305-000154	C-FILM,LEAD-PEF;100nF,5%,400V,TP,21.5x6.
...	4	R550	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4		....	C512	2401-000133	C-AL;1000uF,20%,16V,GP,TP,10x20.5
...	4	R580	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4		....	C506	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m
...	4	R517	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.		....	C510	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m
...	4	R547	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.		....	C536	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m
...	4	R577	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.		....	C540	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m
...	4	R511	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C566	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m
...	4	R571	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C570	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m
...	4	R531	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C508	2401-000493	C-AL;10uF,20%,50V,LZ,TP,5x11mm,5mm
...	4	R558	2001-000319	R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C504	2401-001571	C-AL;47uF,+20%-0% 50V,GP,TP,8x11.5,
...	4	R526	2001-000347	R-CARBON;13KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C534	2401-001571	C-AL;47uF,+20%-0% 50V,GP,TP,8x11.5,
...	4	R505	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C564	2401-001571	C-AL;47uF,+20%-0% 50V,GP,TP,8x11.5,
...	4	R557	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C502	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11.5
...	4	R570	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C532	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11.5
...	4	R503	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	C562	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11.5
...	4	R530	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	L501	2701-000168	INDUCTOR-AXIAL;3.3UH,5%,2534
...	4	R533	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	L531	2701-000168	INDUCTOR-AXIAL;3.3UH,5%,2534
...	4	R562	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	L561	2701-000168	INDUCTOR-AXIAL;3.3UH,5%,2534
...	4	R563	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	F101	2901-000297	FILTER-EMI ON BOARD;-3A,-,3.5x5,TP,-
...	4	R569	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....	F101	2901-000297	FILTER-EMI ON BOARD;-3A,-,3.5x5,TP,-

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
....4	F101	2901-000297	FILTER-EMI ON BOARD;-3A,-,3.5x5,TP,-		..2	CIS1	AA65-00011B	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,TP	S.N.A	..2	CIS1	AA65-30110A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,TP	S.N.A	..2	CIS1	AA65-30111A	CLAMPER CORE-WIRE;ALL MODEL,NYLON,V0,-,W	S.N.A
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,TP	S.N.A	..2	M2893	BP39-00018A	LEAD CONNECTOR;P55A/HCM4215W,UL2547#26,U	
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,TP	S.N.A	..2	M2893	BP39-00178A	LEAD CONNECTOR;J60B,UL1007#22.4P,300mm,#	
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,TP	S.N.A	..2	M2893	BP39-00180A	LEAD CONNECTOR;J60B,UL1617#22,UL/CSA,1P,	
....4	T0310	4715-001036	SURGE ABSORBER;500V,20%,-,TP	S.N.A	..2	M2893	BP39-00185A	LEAD CONNECTOR;J60B,UL1007#26,UL/CSA,11P	
....4	EL501	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A					
....4	EL502	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A					
....4	EL503	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A					
....4	EL504	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A					
....4	EL505	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A					
....4	EL506	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A	1	T0601	BP91-01787A	ASSY PRT;43Q5 XEC,J60B	S.N.A
....4	EL507	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A	..2	T0026	BP91-01789A	ASSY CPT-R;43Q5 XEC,J60B	
....4	EL508	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A	△...3	T0257	AA03-00389A	CRT MONO;P16QDU11RJA P,FREE,0.76MH,1.22M	S.N.A
....4	EL509	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A	..3	T0903	AA26-30006F	TRANS FBT-ANODE CAP ASSY;-FWZ-50A001C,	
....4	EL510	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A	△...3	T0078	AA27-00042A	DEFLECTION YOKE;7PRT,S/S,7PRT,29.1MM,7P	
....4	EL511	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A	..3	T0079	AA33-00016A	MAGNET CONVERGENCE;JH 92LT - 29F,PJT-TV,	
....4	EL512	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A	..3	T0245	AA39-00018A	LEAD CONNECTOR-ASSY;UL1015#22,UL/CSA,1P	
....4	EL513	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A	..3	T0511	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	S.N.A
....4	EL514	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A	..3	T0334	AA60-00128B	SPACER-CRT;PROJ(65),SILICONE,D/GRAY	S.N.A
....4	EL515	6042-000001	EYELET;ID2.2,OD2.7,L3.1,Ni+SN,BSP3-1/2H	S.N.A	..3	M0081	AA60-10011A	SCREW-TAPTITE;-SWRCH18A,M4,L12,HH,+,PC,	S.N.A
....4	LX085	AA27-90001B	COIL-SPARK,GAP:S-23,1.5KV,-,-,-,-,-,-,-,-,-,-		..3	T0112	AA61-00056B	BRACKET-LENS;PROJECTION,SECC,T1.6,-,-,-,-	S.N.A
....4	LX085	AA27-90001B	COIL-SPARK,GAP:S-23,1.5KV,-,-,-,-,-,-,-,-,-,-		..3		AA61-00806B	CASE-COUPLER,R;PROJ,ALDC,T8,BLK	S.N.A
....4	GT502	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..3	T0107	AA91-00722A	ASSY-BRKT,CRT;SECC T1.6,PROJ	
....4	GT503	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..4	T0072	AA61-00473B	BRACKET-CRT;53,SECC,T1.6,-,-,-,-	S.N.A
....4	GT504	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..4	T0210	AA61-00615B	BRACKET-EARTH;54J8,PBS,T0.5,-,-,-,-	S.N.A
....4	GT510	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..4	T0103	AA61-00812A	SPRING ETC-WIRE;PROJ,STS,3.6	S.N.A
....4	GT532	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..3	T0069	BN60-00027B	SPACER-FELT;PJT,V,PRT,FELT,L20,T1.0,W20	S.N.A
....4	GT533	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..3	T0333	BP60-00050A	SPACER-CAP;EPDM,BLK	
....4	GT534	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..3	T0108	BP61-00079A	HOLDER-DY;-PJT,V,T0.5,NYLON66 V2	S.N.A
....4	GT535	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..3		BP61-00091A	HOLDER-CRT;PJT,V,PCABS GF20%,BLUE	S.N.A
....4	GT540	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..3	T0109	BP67-00179A	LENS-ASSY;LENS ASSY,SNI 650,RED,A/B	S.N.A
....4	GT562	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..3	T0051	BP67-00179D	LENS;LENS ASSY,SNI 650,CLEAR,C ELEMENT	S.N.A
....4	GT563	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..3	T0070	BP96-01011A	ASSY COVER P-HOLDER CAP;PJT,V,PC CLR,RED	S.N.A
....4	GT564	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..4	T0114	BP61-00725B	HOLDER-CAP;PJT,V,PC,RED	S.N.A
....4	GT570	BH71-40300A	PIN-HINGE;BRASS,D2.36!,HEAT/SINK,SN	S.N.A	..4	T0293	BP62-00059A	TUBE-DRAIN;SILICONE,1.6,150,WHT	S.N.A
....4	PCB	AA41-00986C	PCB CRT;SP43Q5HL1X,1L,A,1.6T,245°330,J60	S.N.A	..2	T0027	BP91-01790A	ASSY CPT-G;43Q5 XEC,J60B	
....4	EY501	6042-000002	EYELET;ID1.5,OD2.2,L2.8,Ni+SN,BSP3-1/2H	S.N.A	△...3	T0257	AA03-00388A	CRT MONO;P16QDU11GHA P,FREE,0.76MH,1.22M	S.N.A
....4	EY502	6042-000002	EYELET;ID1.5,OD2.2,L2.8,Ni+SN,BSP3-1/2H	S.N.A	..3	T0903	AA26-30006F	TRANS FBT-ANODE CAP ASSY;-FWZ-50A001C,	
....4	EY503	6042-000002	EYELET;ID1.5,OD2.2,L2.8,Ni+SN,BSP3-1/2H	S.N.A	△...3	T0078	AA27-00042A	DEFLECTION YOKE;7PRT,S/S,7PRT,29.1MM,7P	
..3	M2893	BP39-00187A	LEAD CONNECTOR;J60B,UL1007#26,UL/CSA,14P		..3	T0245	AA39-00018A	LEAD CONNECTOR-ASSY;UL1015#22,UL/CSA,1P	
..3	M2893	BP39-00055A	LEAD CONNECTOR;P57A/SVP-55WHT,UL1007#26,		..3	T0334	AA60-00125B	SPACER-CRT;PROJ,SILICONE,D/GRAY	S.N.A
..3	CIS1	AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-,	S.N.A	..3	T0511	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	S.N.A
..2	T0384	BP94-02124A	ASSY PCB MISC-PWR CONTROL;SVP-42Q2HL,P60		..3	M0081	AA60-10011A	SCREW-TAPTITE;-SWRCH18A,M4,L12,HH,+,PC,	S.N.A
..3	LEDY01	0601-001381	LED;ROUND,RED/GRN,5.0MM,650/563NM		..3	T0112	AA61-00056B	BRACKET-LENS;PROJECTION,SECC,T1.6,-,-,-,-	S.N.A
..3	D0254	AA32-00012A	MODULE REMOCOIN;ORC-50HF2,38KHZ,940NM,MES		..3		AA61-00807B	CASE-COUPLER,G;PROJ,ALDC,T8,BLK	S.N.A
..3		BP97-00568A	ASSY AUTO-PWR CONTROL;SVP-42Q2HL,P60A	S.N.A	..3		AA61-00809B	HOLDER-CRT;PROJ,PC/ABS GF 20%,BLK	S.N.A
..4	DZY01	0403-000510	DIODE-ZENER;MTZJ6.2B,5.96-6.27V,500MW,DO		..3	T0107	AA91-00722A	ASSY-BRKT,CRT;SECC T1.6,PROJ	
..4	DZY02	0403-000510	DIODE-ZENER;MTZJ6.2B,5.96-6.27V,500MW,DO		..4	T0072	AA61-00473B	BRACKET-CRT;53,SECC,T1.6,-,-,-,-	S.N.A
..4	DZY03	0403-000510	DIODE-ZENER;MTZJ6.2B,5.96-6.27V,500MW,DO		..4	T0210	AA61-00615B	BRACKET-EARTH;54J8,PBS,T0.5,-,-,-,-	S.N.A
..4	RY07	2001-000020	R-CARBON(S);220OHM,5%,1/2W,AA,TP,2.4X6.4M		..4	T0103	AA61-00812A	SPRING ETC-WIRE;PROJ,STS,3.6	S.N.A
..4	RY01	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4		..3	T0069	BN60-00027B	SPACER-FELT;PJT,V,PRT,FELT,L20,T1.0,W20	S.N.A
..4	RY09	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4		..3	T0333	BP60-00050A	SPACER-CAP;EPDM,BLK	
..4	RY08	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4		..3	T0108	BP61-00079A	HOLDER-DY;-PJT,V,T0.5,NYLON66 V2	S.N.A
..4	CY01	2401-002009	C-AL;100uF,20%,16V,GP,TP,6.3x7.5		..3	T0109	BP67-00179B	LENS-ASSY;LENS ASSY,SNI 650,GREEN,A/B	S.N.A
..4	LY01	2701-000114	INDUCTOR-AXIAL;10UH,10%,2534		..3	T0051	BP67-00179D	LENS;LENS ASSY,SNI 650,CLEAR,C ELEMENT	S.N.A
..4	SWY01	3404-000243	SWITCH-TACT;15V,20mA,160gf+-50gf,6x3.4mm		..3	T0070	BP96-01011B	ASSY COVER P-HOLDER CAP;PJT,V,PC CLR,G,B	S.N.A
..4	PCB	BP41-00113A	PCB SUB-PWR CONTROL;SVP-43W6HE,P59A	S.N.A	..4	T0114	BP61-01063A	HOLDER-CAP;PJT,V,PC,CLR	S.N.A
..4	QY01	0504-001061	TR-DIGITAL;KRC111M,NPN,400mW,10K,T0-92M,		..4	T0293	BP62-00059A	TUBE-DRAIN;SILICONE,1.6,150,WHT	S.N.A
..4	QY02	0504-001061	TR-DIGITAL;KRC111M,NPN,400mW,10K,T0-92M,		..2	T0028	BP91-01791A	ASSY CPT-B;43Q5 XEC,J60B	
..3	T0245	0202-001366	SOLDER-WIRE FLUX;-RS60S,D1.2.63Sn/37Pb,	S.N.A	△...3	T0257	AA03-00309A	CRT MONO;P16QDU11BEA(S),FREE,0.78MH,7.0M	S.N.A
..3	CN906	3711-001075	CONNECTOR-HEADER;BOX,7P,1R,2.50MM,ANGLE,		..3	T0903	AA26-30006F	TRANS FBT-ANODE CAP ASSY;-FWZ-50A001C,	
					△...3	T0078	AA27-00042A	DEFLECTION YOKE;7PRT,S/S,7PRT,29.1MM,7P	
					..3	T0079	AA33-00018A	MAGNET CONVERGENCE;JH 92LT - 36F,PJT-TV,	
					..3	T0245	AA39-00018A	LEAD CONNECTOR-ASSY;UL1015#22,UL/CSA,1P	
					..3	T0511	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	S.N.A
					..3	T0334	AA60-00128B	SPACER-CRT;PROJ(65),SILICONE,D/GRAY	S.N.A
					..3	M0081	AA60-10011A	SCREW-TAPTITE;-SWRCH18A,M4,L12,HH,+,PC,	S.N.A
					..3	T0112	AA61-00056B	BRACKET-LENS;PROJECTION,SECC,T1.6,-,-,-,-	S.N.A
					..3		AA61-00808B	CASE-COUPLER,B;PROJ,ALDC,T8,BLK	S.N.A
					..3	T0107	AA91-00722A	ASSY-BRKT,CRT;SECC T1.6,PROJ	
					..4	T0072	AA61-00473B	BRACKET-CRT;53,SECC,T1.6,-,-,-,-	S.N.A
					..4	T0210	AA61-00615B	BRACKET-EARTH;54J8,PBS,T0.5,-,-,-,-	S.N.A
△..2	T0268	AA39-10006K	CBF-POWER CORD;-KJ-10,SPT-2 2/18AWG,240		..4	T0103	AA61-00812A	SPRING ETC-WIRE;PROJ,STS,3.6	S.N.A
..2	T0010	AA61-20284A	HOLDER-P-CORD,PP,-,-,-,BLK,V0,KE-002	S.N.A	..4	T0103	AA61-00812A	SPRING ETC-WIRE;PROJ,STS,3.6	S.N.A
..2	T0603	AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	S.N.A	..3	T0069	BN60-00027B	SPACER-FELT;PJT,V,PRT,FELT,L20,T1.0,W20	S.N.A

ASSY FIXING

1	T0892	BP91-01786Q	ASSY FIXING;SP43Q5HL1X/XAX,J60B	S.N.A
..2	T0121	3301-001201	CORE-FERRITE;AE,21x11x32mm,1500,280G	
..2	M0081	6003-001023	SCREW-TAPTITE;PWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
..2	M0081	6003-001023	SCREW-TAPTITE;PWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
△..2	T0268	AA39-10006K	CBF-POWER CORD;-KJ-10,SPT-2 2/18AWG,240	
..2	T0010	AA61-20284A	HOLDER-P-CORD,PP,-,-,-,BLK,V0,KE-002	S.N.A
..2	T0603	AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	S.N.A

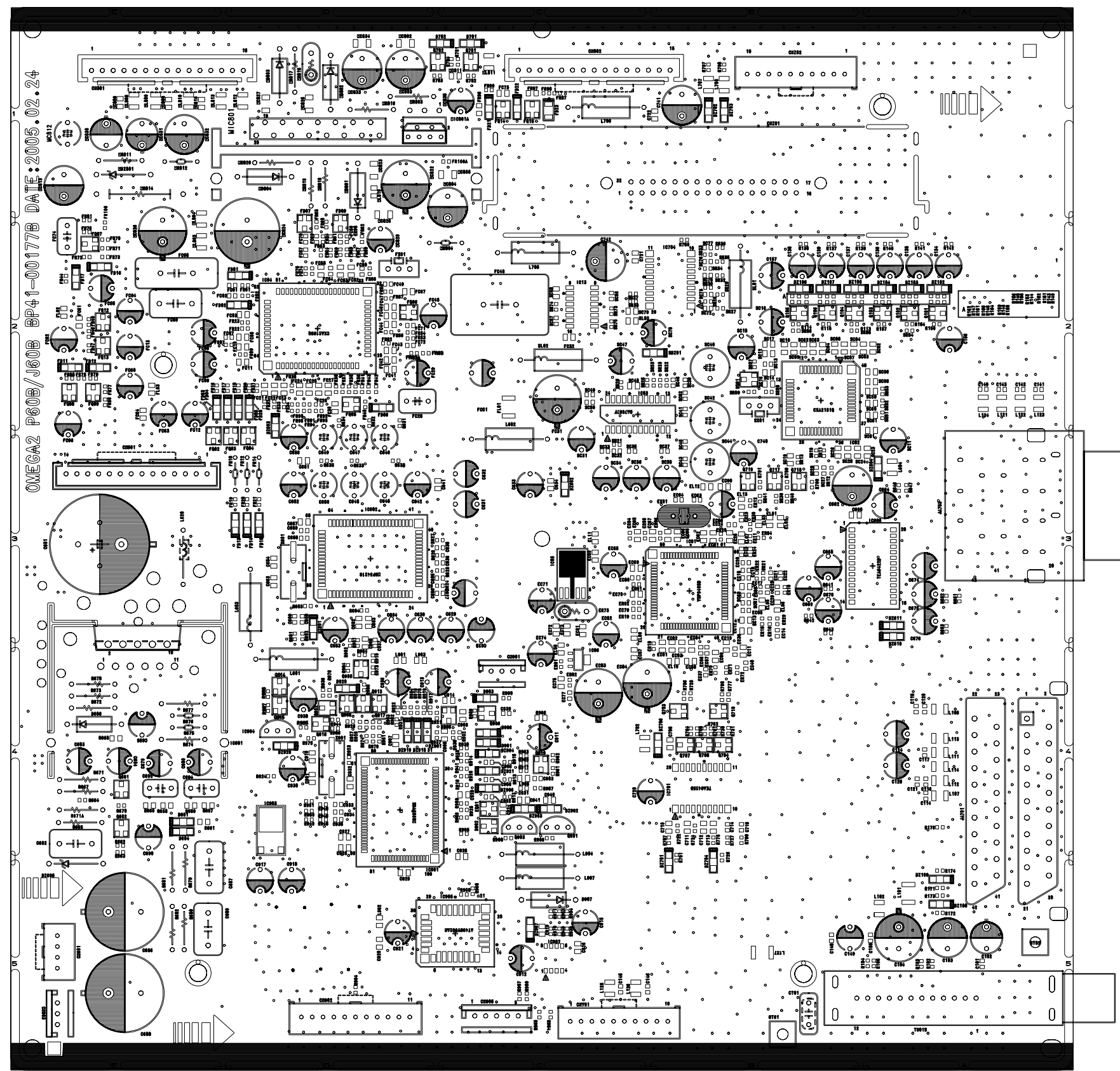
Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
...	T0333	BP60-00050A	SPACER-CAP;EPDM,BLK		...	T0067	BP60-00061C	SPACER-SCREEN;43Q5,EVA,945,T2,3,10	S.N.A
...	T0108	BP61-00079A	HOLDER-DY,-;PJT,V,T0.5,NYLON66 V2	S.N.A	...	T0559	BP61-00043B	HOLDER-SENSOR;W9,PC HB,VIOLET	S.N.A
...		BP61-00091A	HOLDER-CRT;PJT,V,PCABS GF20%,BLUE	S.N.A	...	T0254	BP61-00185A	BRACKET-SCREEN,TB;43W6,SECC,T1.0	S.N.A
...	T0109	BP67-00179C	LENS-ASSY;LENS ASSY,SNI 650,CLEAR,A/B	S.N.A	...	CIS1	BP65-00004A	CLAMPER CORE-WIRE;52Q7,NYLON	S.N.A
...	T0051	BP67-00179D	LENS;LENS ASSY,SNI 650,CLEAR,C ELEMENT	S.N.A	...	T0382	BP61-00492C	HOLDER-CARE;PJT,ACRYL-FOAM,T0.25,W50.0mm	S.N.A
...	T0070	BP96-01011B	ASSY COVER P-HOLDER CAP;PJT,V,PC CLR,G,B	S.N.A	...	T0213	BP61-00598C	BRACKET-SCREEN R ASSY;43Q5,SECC,T1.0,NON	S.N.A
...	T0114	BP61-01063A	HOLDER-CAP;PJT,V,PC,CLR	S.N.A	...	T0067	BP60-00061D	SPACER-SCREEN;43Q5,EVA,540,T2,3,10	S.N.A
...	T0293	BP62-00059A	TUBE-DRAIN;SILICONE,1,6,150,WHT	S.N.A	...	T0559	BP61-00043B	HOLDER-SENSOR;W9,PC HB,VIOLET	S.N.A
ASSY BOX					...	T0102	BP61-00469A	BRACKET-SCREEN RL;43H3,SECC,1.0	S.N.A
1	M0003	BP92-01544N	ASSY BOX;SP43Q5HL1X/XAX,P60B	S.N.A	...	CIS1	BP65-00004A	CLAMPER CORE-WIRE;52Q7,NYLON	S.N.A
...		BP69-00279D	BOX-00,SET,OUT;43Q5,D-3,AB,YEL,03(C3),NT	S.N.A	...	T0214	BP61-00599C	BRACKET-SCREEN L ASSY;43Q5,SECC,T1.0,NON	S.N.A
...		BP69-00280A	BOX-SET,IN;43Q5,D-3 AB,YEL,03(C3),1460,9	S.N.A	...	T0067	BP60-00061D	SPACER-SCREEN;43Q5,EVA,540,T2,3,10	S.N.A
ASSY P/MATERIAL					...	T0559	BP61-00043B	HOLDER-SENSOR;W9,PC HB,VIOLET	S.N.A
1	M0113	BP92-01545A	ASSY P/MATERIAL;43Q5	S.N.A	...	T0102	BP61-00469A	BRACKET-SCREEN RL;43H3,SECC,1.0	S.N.A
...	T0376	6902-000001	BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,LDPE	S.N.A	...	CIS1	BP65-00004A	CLAMPER CORE-WIRE;52Q7,NYLON	S.N.A
...	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,	S.N.A	...	T0514	BP61-00940A	BRACKET-SUPPORT;43Q5,SECC,T1.2	S.N.A
...	T0524	6902-000388	BAG PE;HDPE,NITRON/HDPPE,T0.02T0.5/T0.02	S.N.A	...	T0053	BP67-00045E	SCREEN FRESNEL;SCREEN FRESNEL,978*564,T=	
...	T0214	AA60-40006A	PIN-STAPLE;AUTO,33X17.8X2.4,H18,33X17.8X	S.N.A	...	T0054	BP67-00045F	SCREEN LENTI;SCREEN-LENTI,976*562,T=0.76	
...	T0172	AA69-02609A	BAND-PP;W18,CLEA,1G	S.N.A	...	T0003	BP96-00910D	ASSY COVER P-FRONT;43Q5,SEA(P60B),HIPS H	
ASSY ACCESSORY					...	M0114	AA61-20129A	HOLDER-WIRE;- NYLON-66,-,-,NTR,DAFC-25	S.N.A
1	M0045	BP92-01737P	ASSY ACCESSORY;47Q2/XAX,P60B	S.N.A	...	T0382	BP61-00509C	HOLDER-CARE;PJT,ACRYL-FOAM,T0.25,W20.0mm	S.N.A
...	M0045	BP96-01298Q	ASSY ACCESSORY;47Q2/XAX,P60B	S.N.A	...	M0112	BP63-00439D	COVER-FRONT;43Q5,HIPS,HB,GR503,BKM1326+S	S.N.A
...	T0685	4301-000103	BATTERY-ALKALINE;1.5V,750mAH,AAA,10.5x44		...	T0057	BP64-00177A	BADGE-BRAND;ALL,AL,T1.5,70,11.3,BLK,SILI	S.N.A
...	T0524	6902-000009	BAG PE;HDPE,T0.03,L400,W240,TRP,8,2,PE M	S.N.A	...	T0002	BP96-00911G	ASSY COVER P-FRONT BOTTOM;43Q5,XAX,HIPS	S.N.A
...	T0610	AA68-03242F	MANUAL-SAFETY GUIDE;All Model,SEC,Eng/Fr	S.N.A	...	T0082	3001-001641	SPEAKER;15W,8ohm,92dB/1W,0.5m,110Hz	
...		BN68-00797A	MANUAL-01,WARRANT CARD;SAMX BASIC ALL,M	S.N.A	...	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
...	T0074	BP59-00058C	REMOCON;OMEGA,TM76A,47,PJT,EX,SALEMSUNG,NT	S.N.A	...	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
...	T0119	AA09-00371A	IC MICOM;SZTMM-839C R-52MX,28PIN,16KBYTE,		...	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
...	T0122	2802-000194	RESONATOR-CERAMIC;8MHz,1.0%,TP,8.5x4.5x5		...	M0081	6003-001135	SCREW-TAPTITE;TH,+,B,M4,L15,BLK,SWRCH18A	S.N.A
...	M0596	BP68-00500B	MANUAL USERS-00;SP43Q5,SAMSUNG,Mexican S	S.N.A	...	M2893	AA39-00369C	LEAD CONNECTOR;J60B,UL1007#22,AP,1000/30	
...		BP68-00515A	MANUAL-REGISTRATION CARD;PRC CARD,SAMSUN	S.N.A	...	T0299	AA61-01104A	HOLDER-LOCK;Z7,ABS,HB,BLK	S.N.A
ASSY COVER FRONT					...	M0114	AA61-20129A	HOLDER-WIRE;- NYLON-66,-,-,NTR,DAFC-25	S.N.A
1	M0001	BP90-00266J	ASSY COVER FRONT;SP43Q5HL1X/XAX,J60B	S.N.A	...		AA63-00063A	SPACER-DUAL,LOCK;SVP-614J,4#00,-,-,-,-	S.N.A
...	M0081	6003-001023	SCREW-TAPTITE;PWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A	...	T0382	BP61-00509C	HOLDER-CARE;PJT,ACRYL-FO	

Level	Loc.No.	Code No.	Description;Specification	Remark	Level	Loc.No.	Code No.	Description;Specification	Remark
.2	T0522	AA65-30008A	CLAMPER CORE-CORD;-PE,HB,-,BLK,-	S.N.A					
.2	T0933	BP63-00148A	COVER-FOCUS HOLE;PJTV,HIPS,2.0,HB,GR503	S.N.A					
.2		BP63-00218A	COVER-MASTER;43H3,ABS,HB,GR503	S.N.A					
.2	M0006	BP63-00442B	COVER-REAR BOTTOM;43/47Q5,HIPS,HB,GR503	S.N.A					
.2	T0578	BP64-00526C	INLAY AV;Q5,Q8,R1,PS,T0.3,DG703P,SHEET,S	S.N.A					
.2	T0108	BP67-00176B	MIRROR-BACK;SSM, GLASS,666.5* 522*301.5,T						
.2	T0130	BP96-00954F	ASSY COVER P-TERMINAL BOARD;P60B(SEA),HI	S.N.A					
...3	T0071	BP64-00535B	INLAY-TERMINAL;P60A(SEA),PS,T0.5,BLK,SHE	S.N.A					
...3	T0130	BP65-00009A	TERMINAL-BOARD ANT;OMEGA(J60A,P60A),HIPS	S.N.A					
.2	T0902	BP96-00977A	ASSY BRACKET P-MIRROR;43Q5,SECC,T1.0,NTR	S.N.A					
...3	T0505	BN61-01718A	BRACKET-MIRROR;43Q5,SECC,T1.0,NTR,LEFT	S.N.A					
...3	T0278	BP60-00005J	SPACER-SPONGE;43Q5,EVA,90,T3.5,10	S.N.A					
.2	T0902	BP96-00977B	ASSY BRACKET P-MIRROR;43Q5,SECC,T1.0,NTR	S.N.A					
...3	T0505	BN61-01718B	BRACKET-MIRROR;43Q5,SECC,T1.0,NTR,PJTV,R	S.N.A					
...3	T0278	BP60-00005J	SPACER-SPONGE;43Q5,EVA,90,T3.5,10	S.N.A					
.2	M0013	BP96-00979A	ASSY COVER P-REAR;43Q5,HIPS HB,GR503						
...3	M0006	BP63-00441A	COVER-REAR;43Q5,HIPS,HB,GR503	S.N.A					

MEMO

6. PCB Diagram

6-1 MAIN PCB

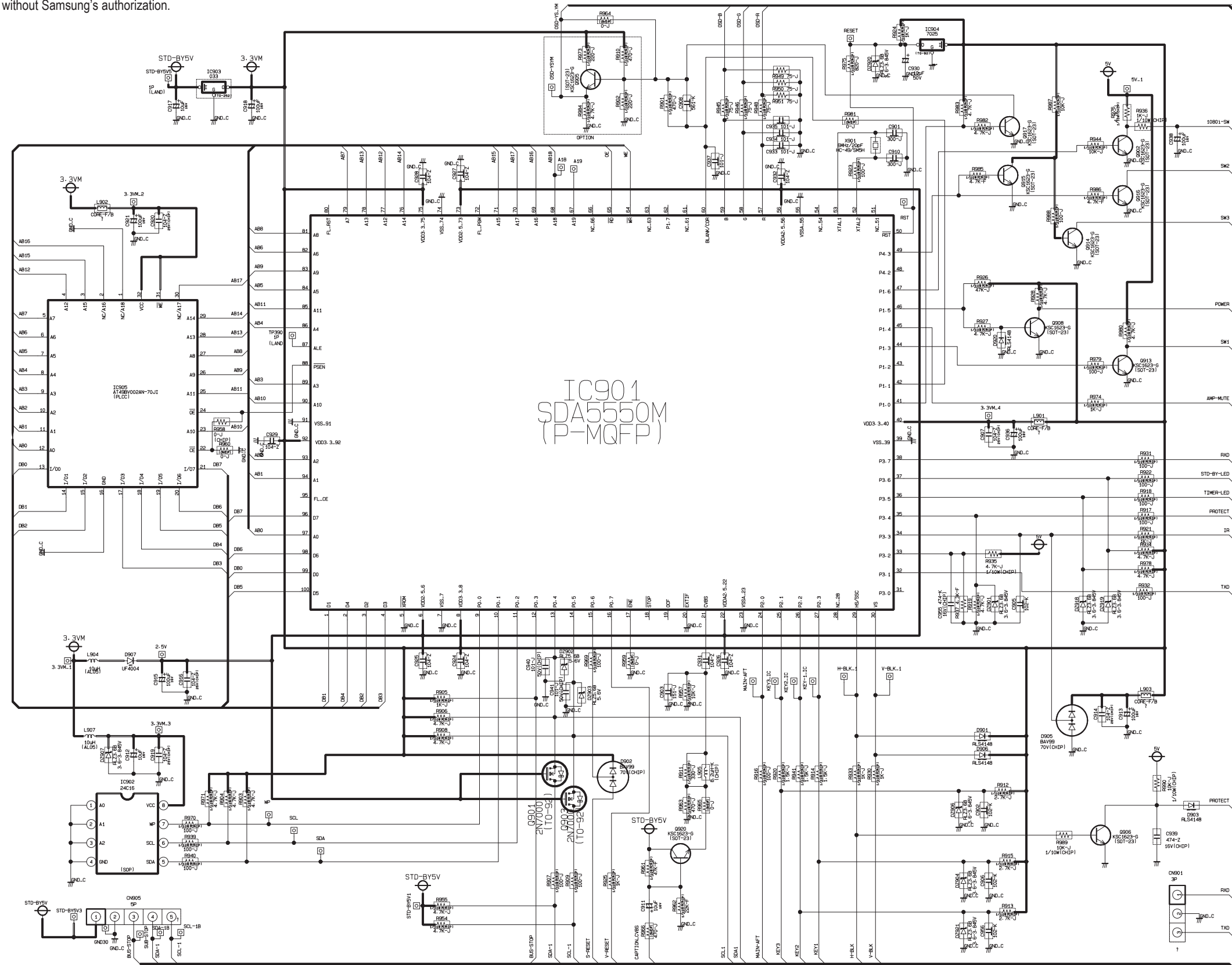




7. Schematic Diagram

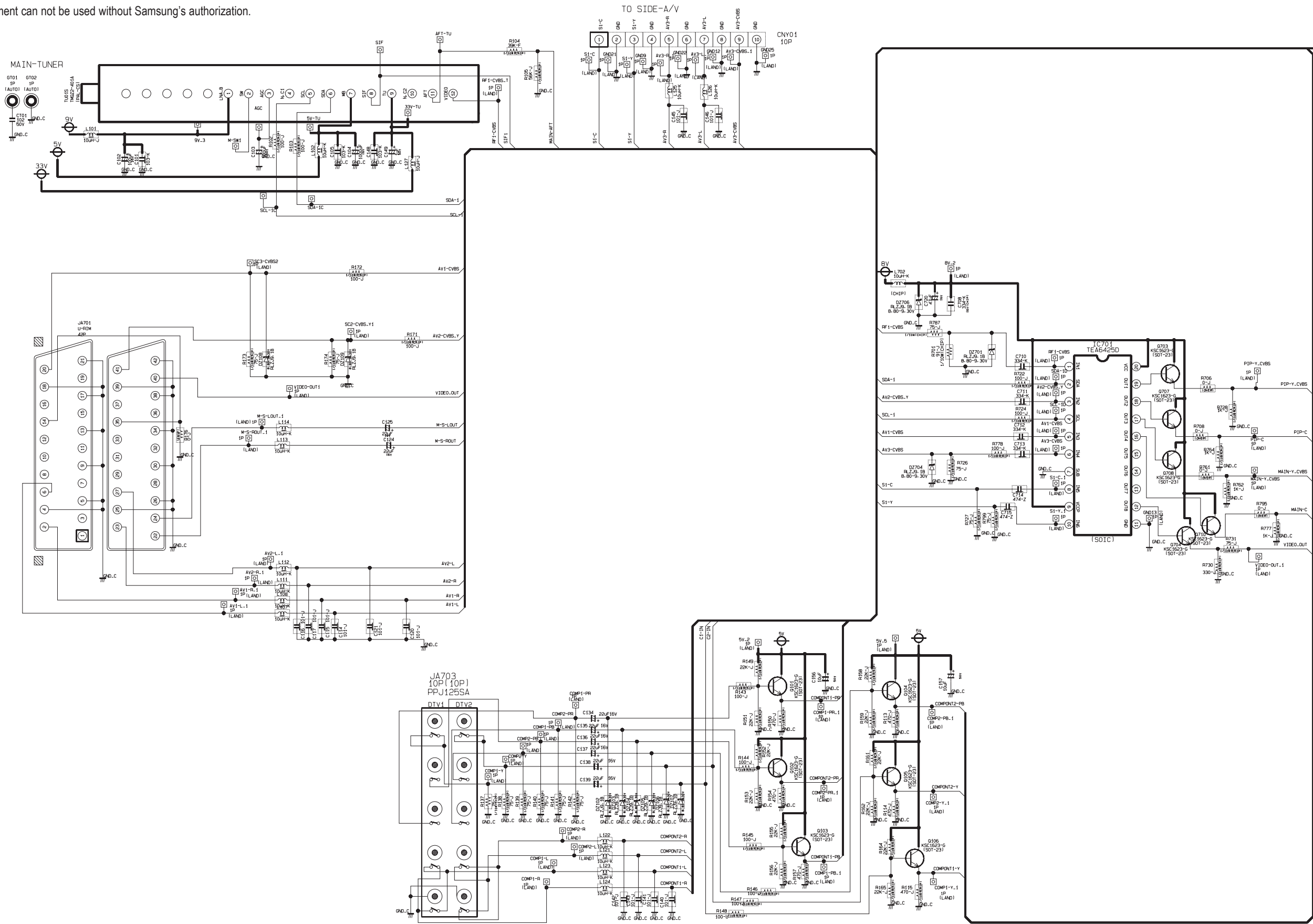
7-1 MAIN-1

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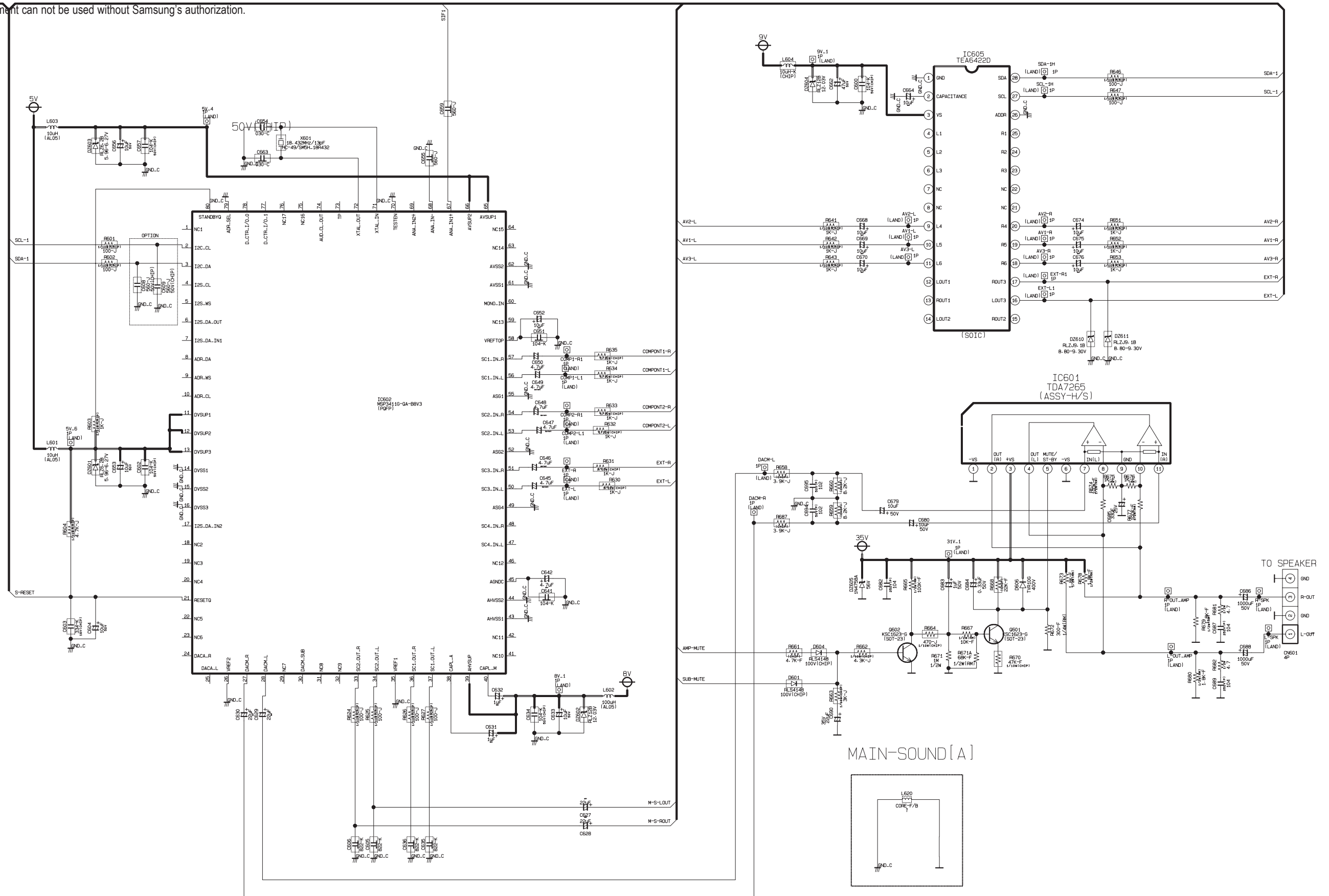
7-2 MAIN-2

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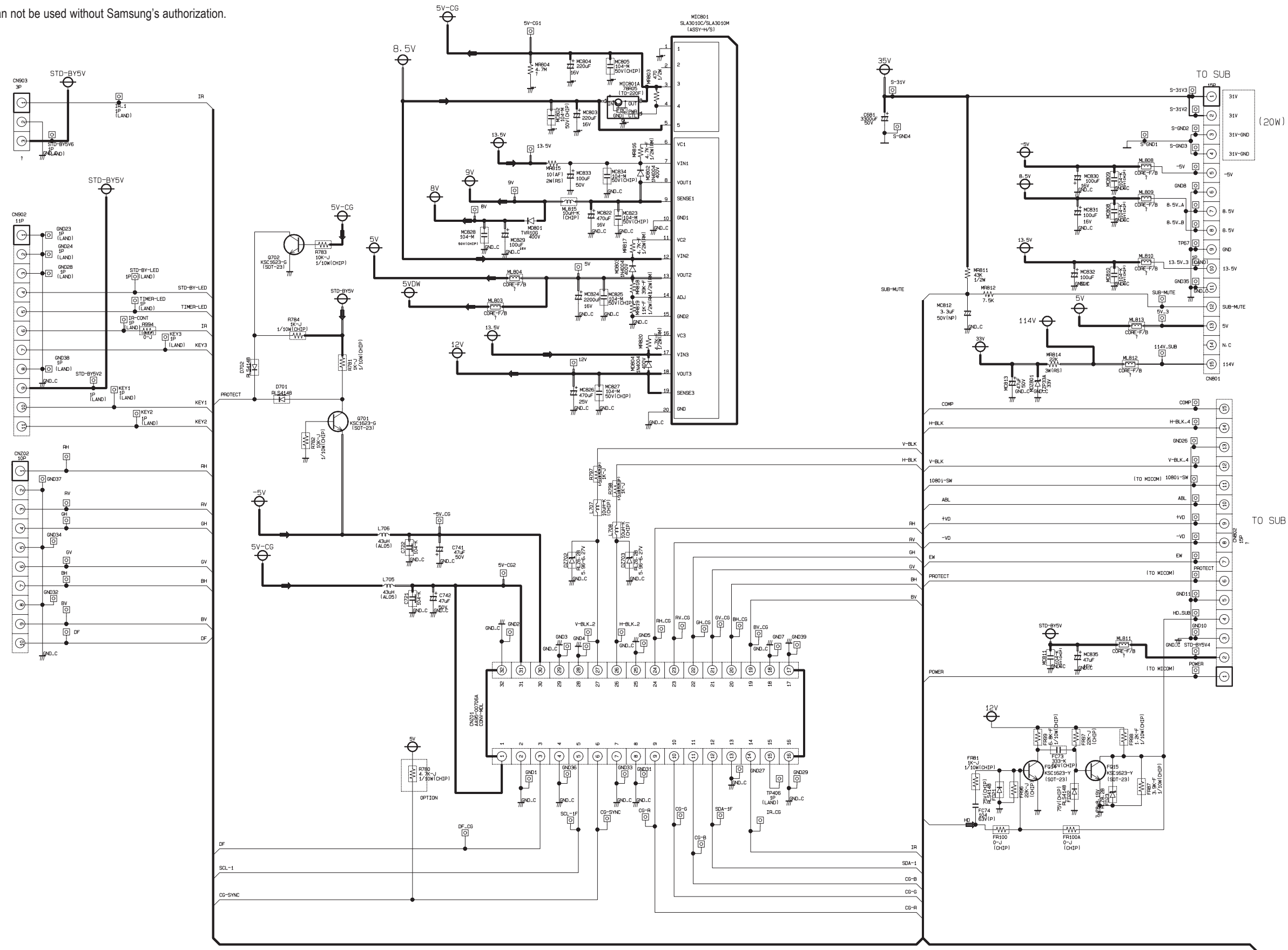
7-3 MAIN-3

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7-5 MAIN-5

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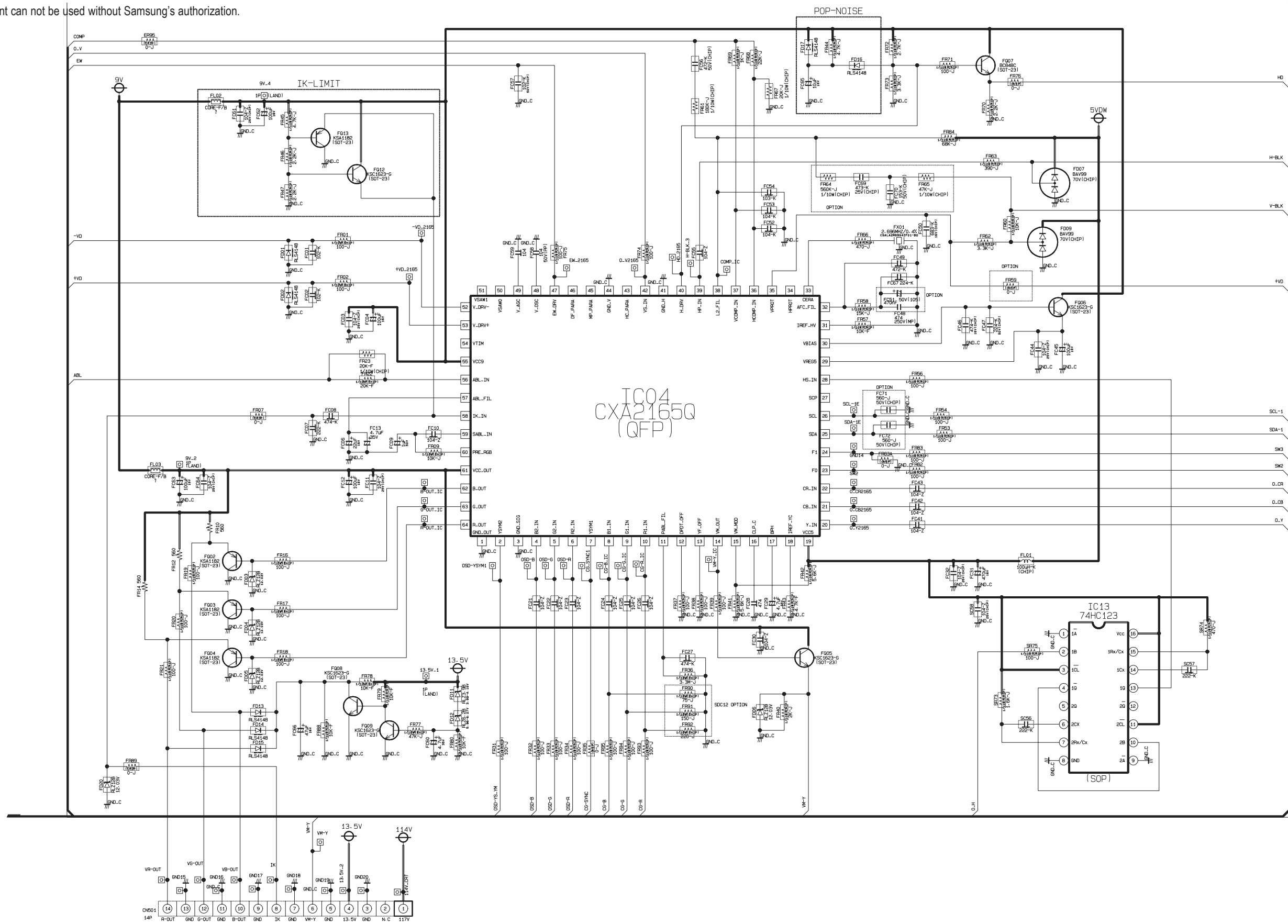


7-6

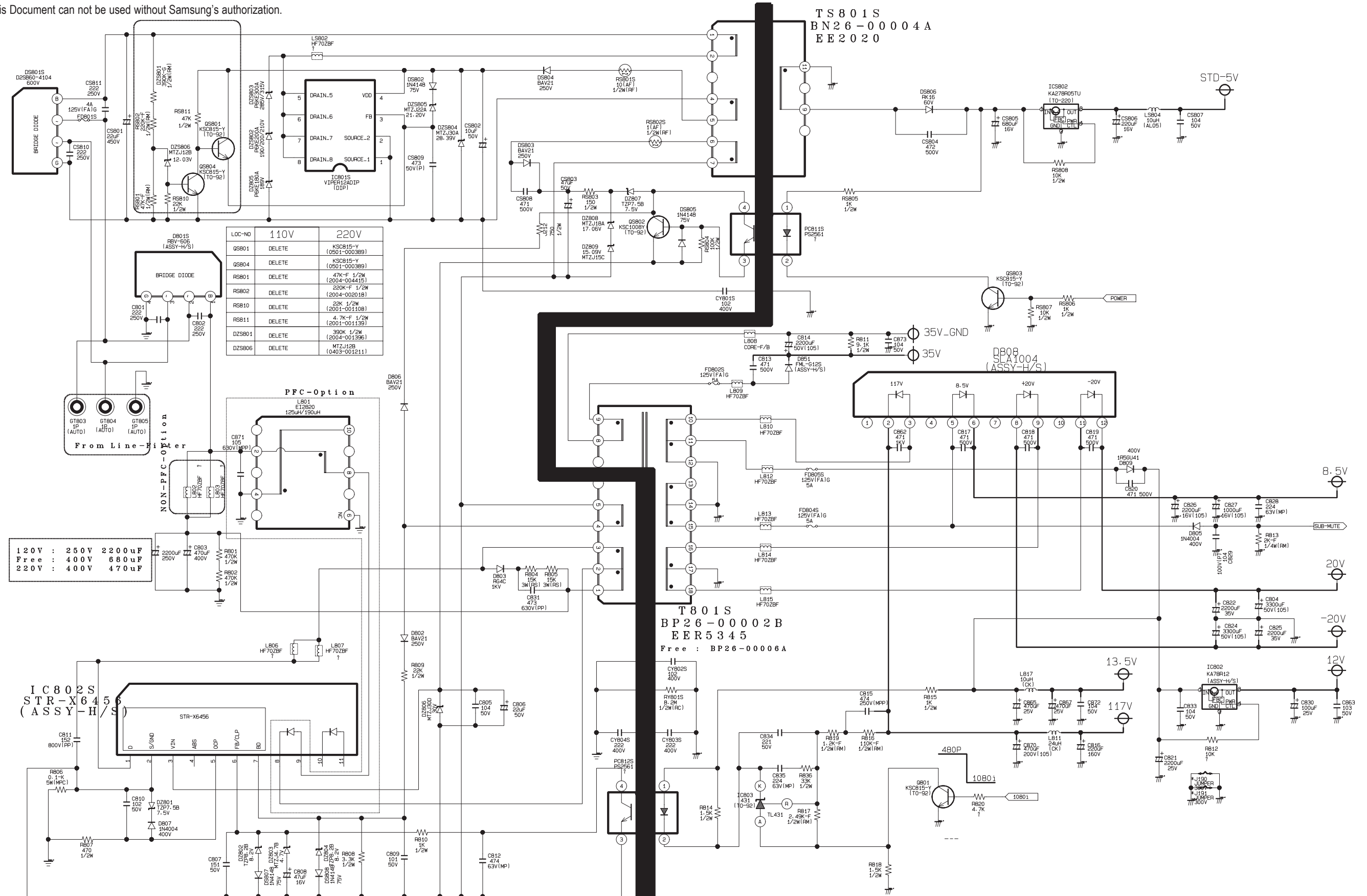


7-7 MAIN-7

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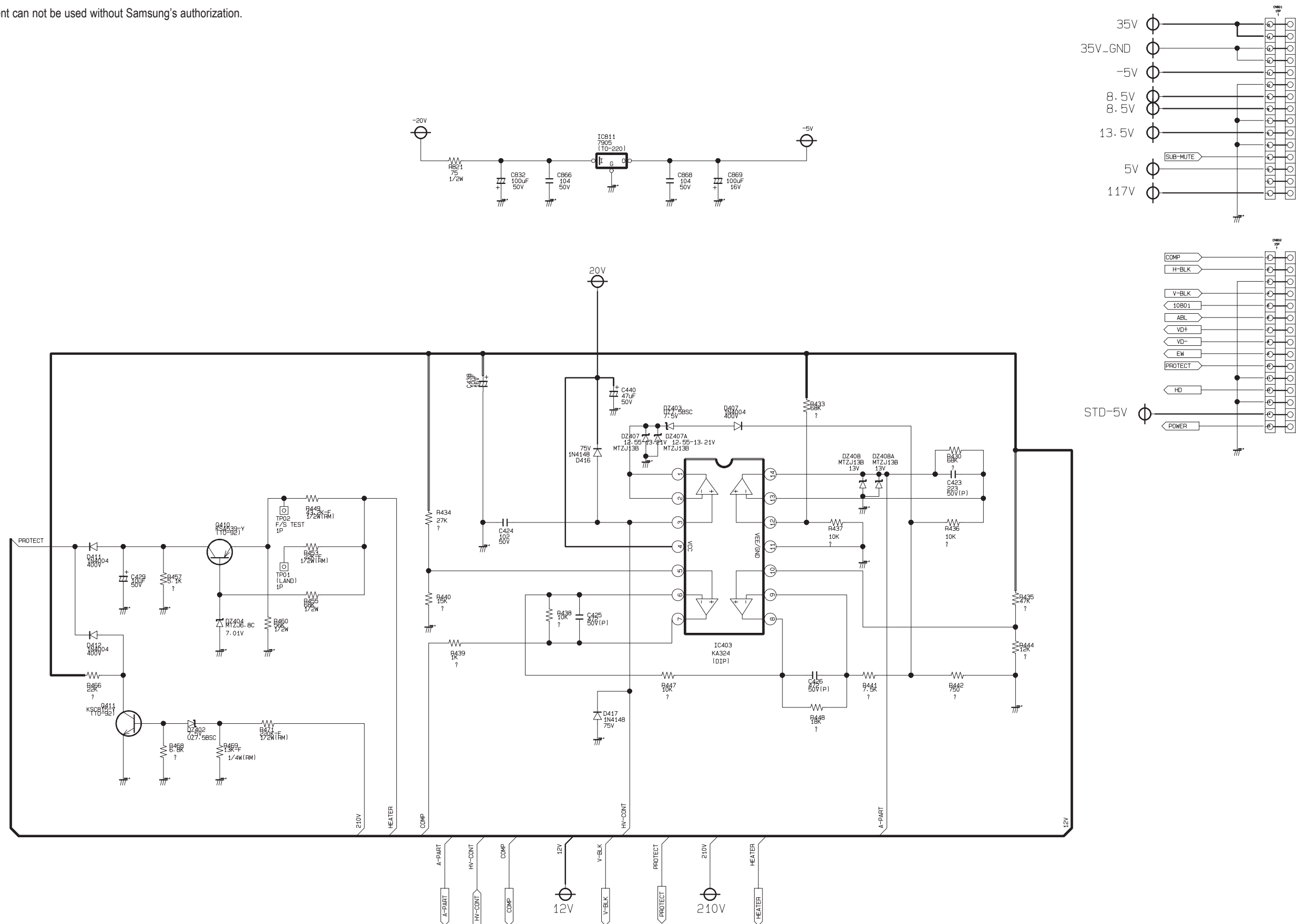


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7-9 Power/Deflection-2

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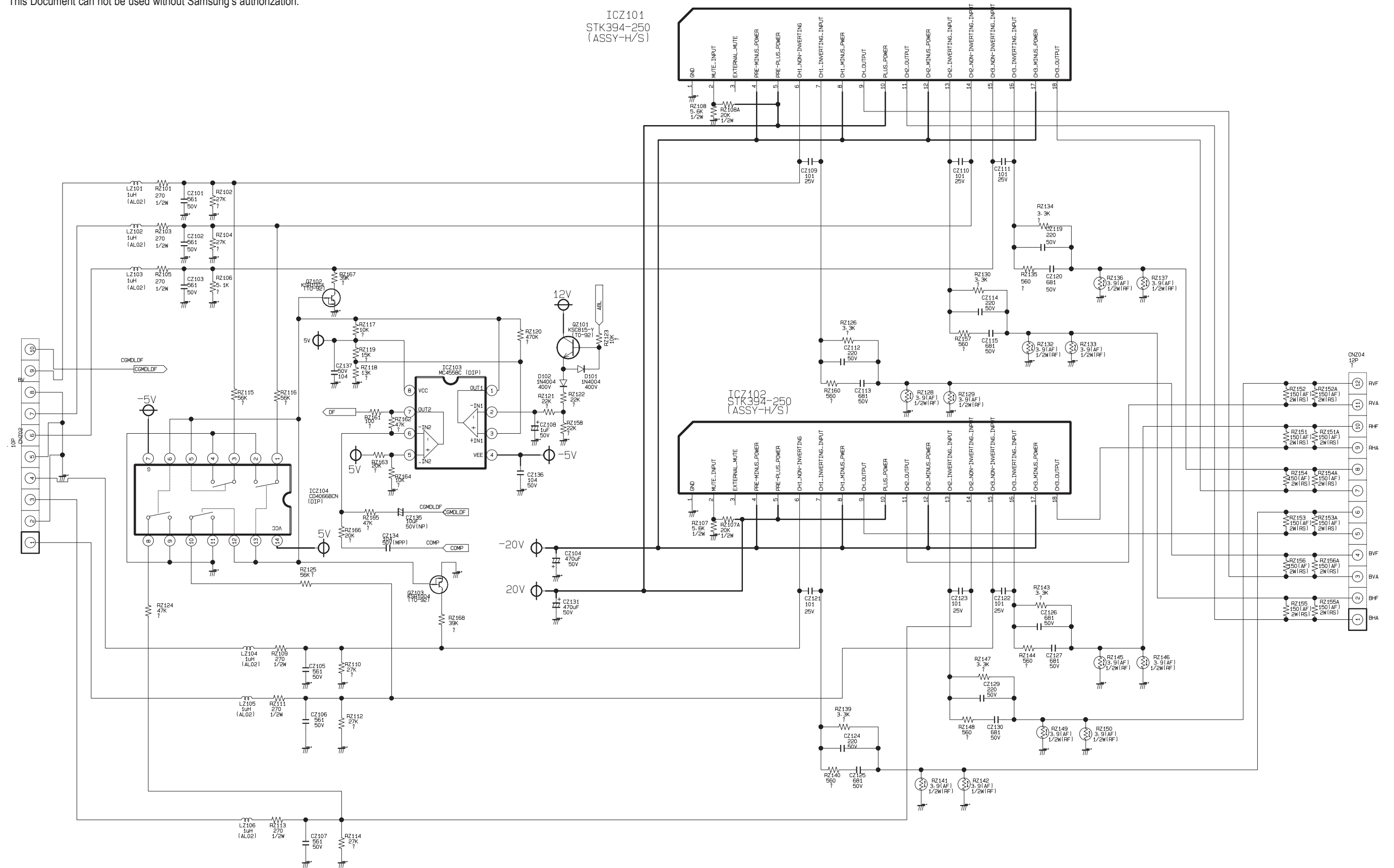


7-10



7-11 Power/Deflection-4

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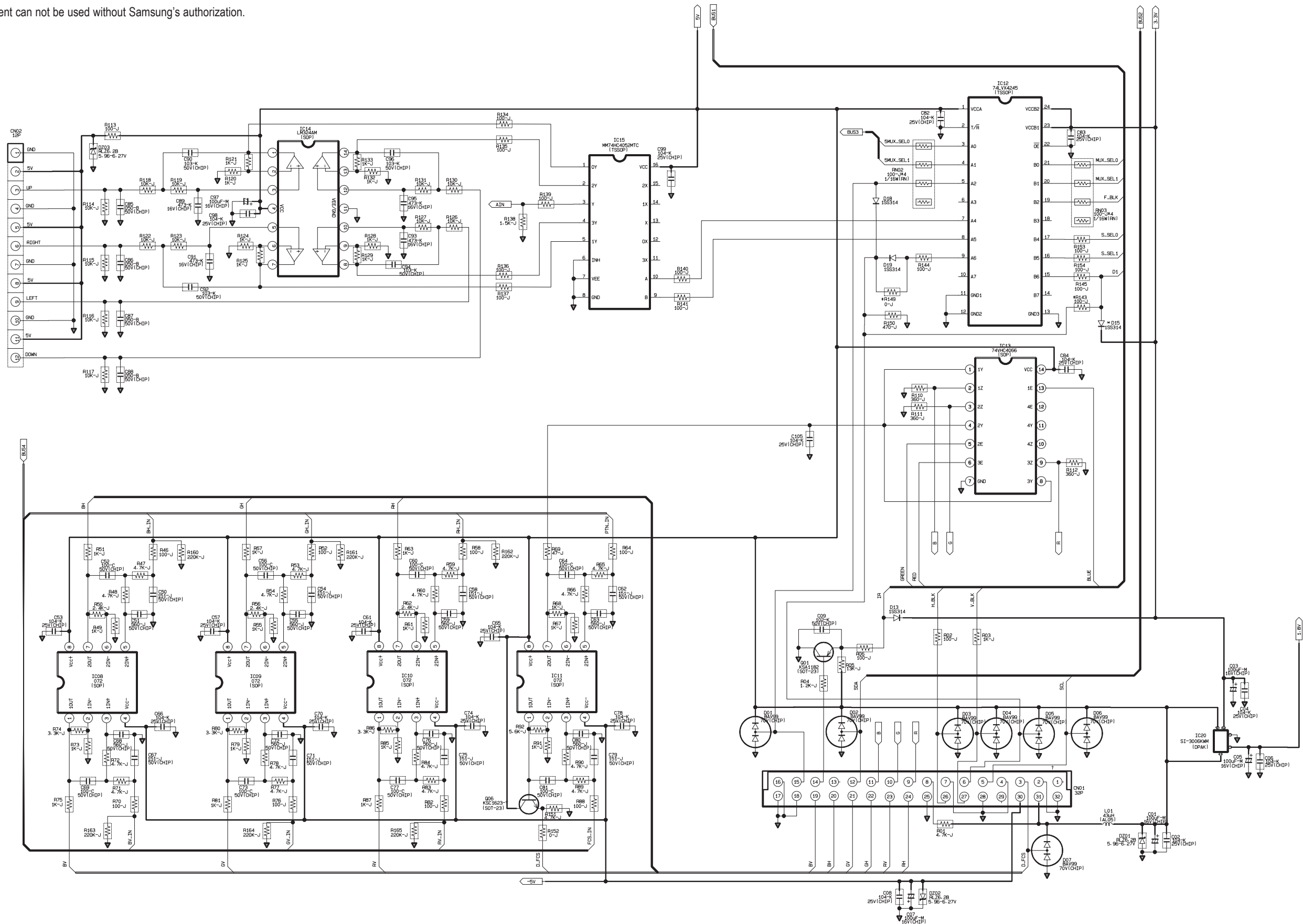


7-12



7-13 Convergence-2

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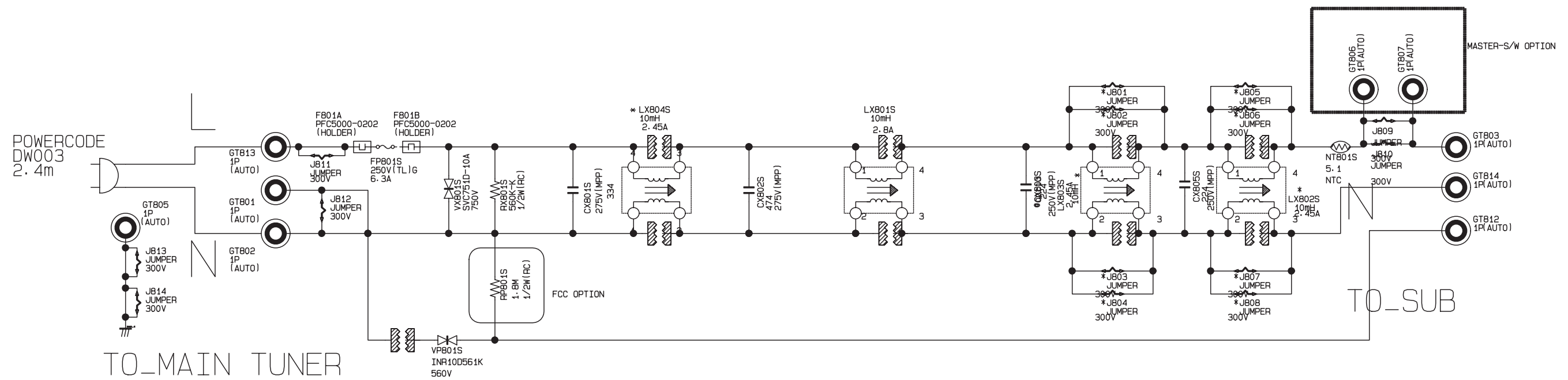


7-14



7-15 Line-Filter

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OMEGA-2 Option
(Thunderbolt Countermeasurep)

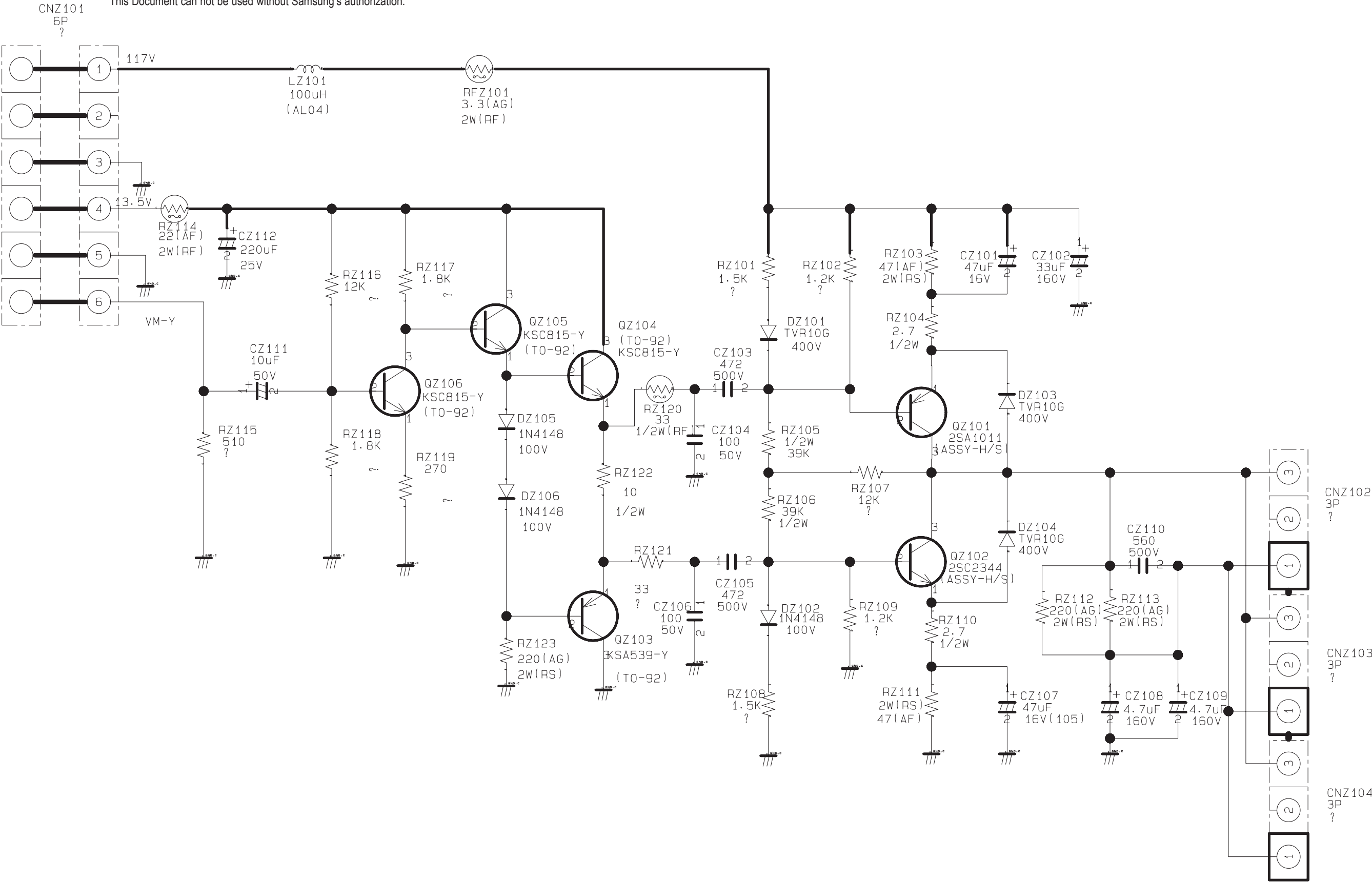
LOC-NO	SPEC
J811	Jumper
J812	Jumper
J813	Jumper
J814	Jumper

Domestic

CX801S	2306-001033	330NF 275V
CX803S	2306-000318	220NF 250V
CX802S	2306-000321	470NF 275V
CX805S	2306-000318	220NF 250V
LX801S	AA29-30002L	10mH
LX802S	AA29-00012A	5mH
LX803S	AA29-00012A	5mH
LX804S	AA29-00011A	10mH

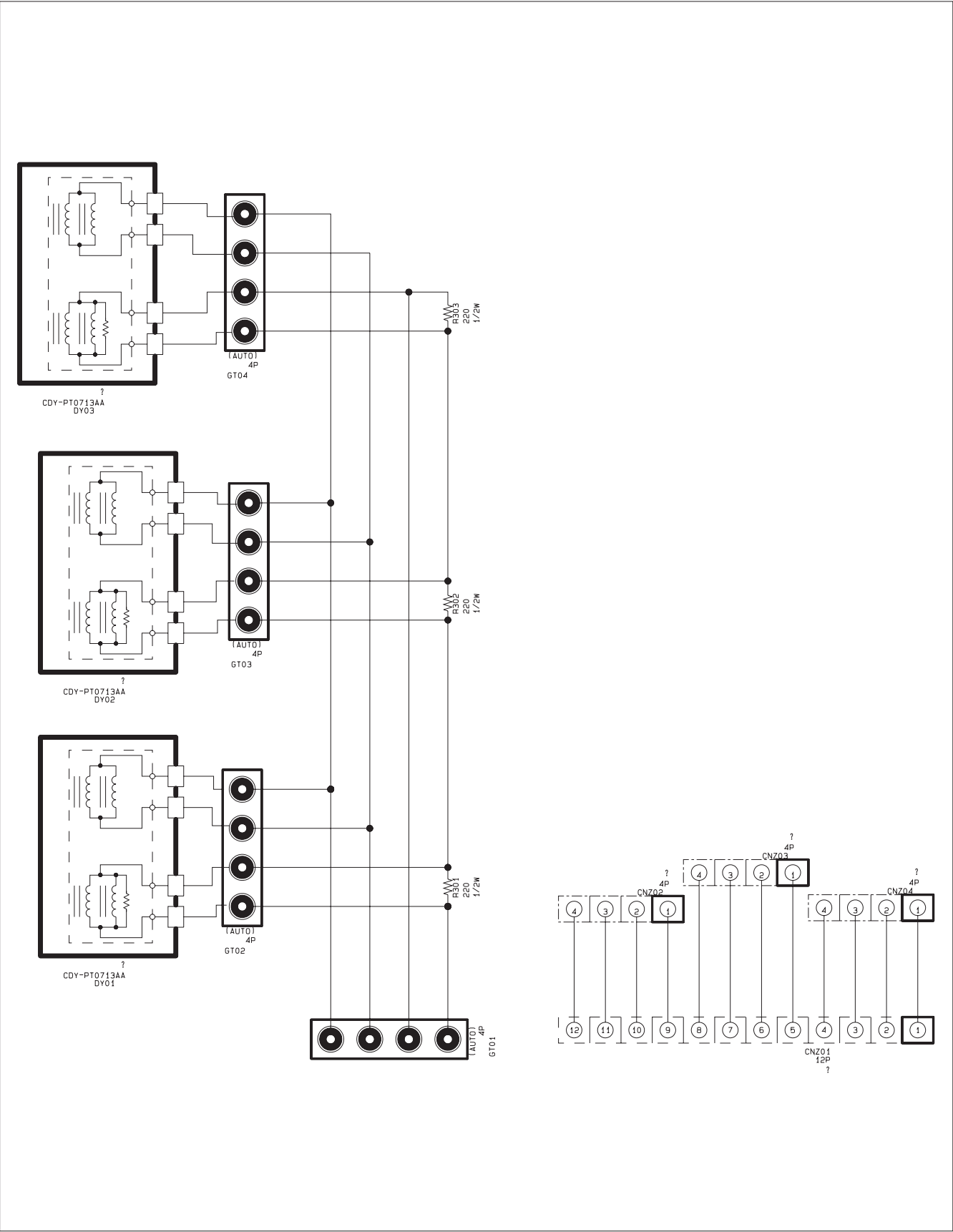
7-16 VM

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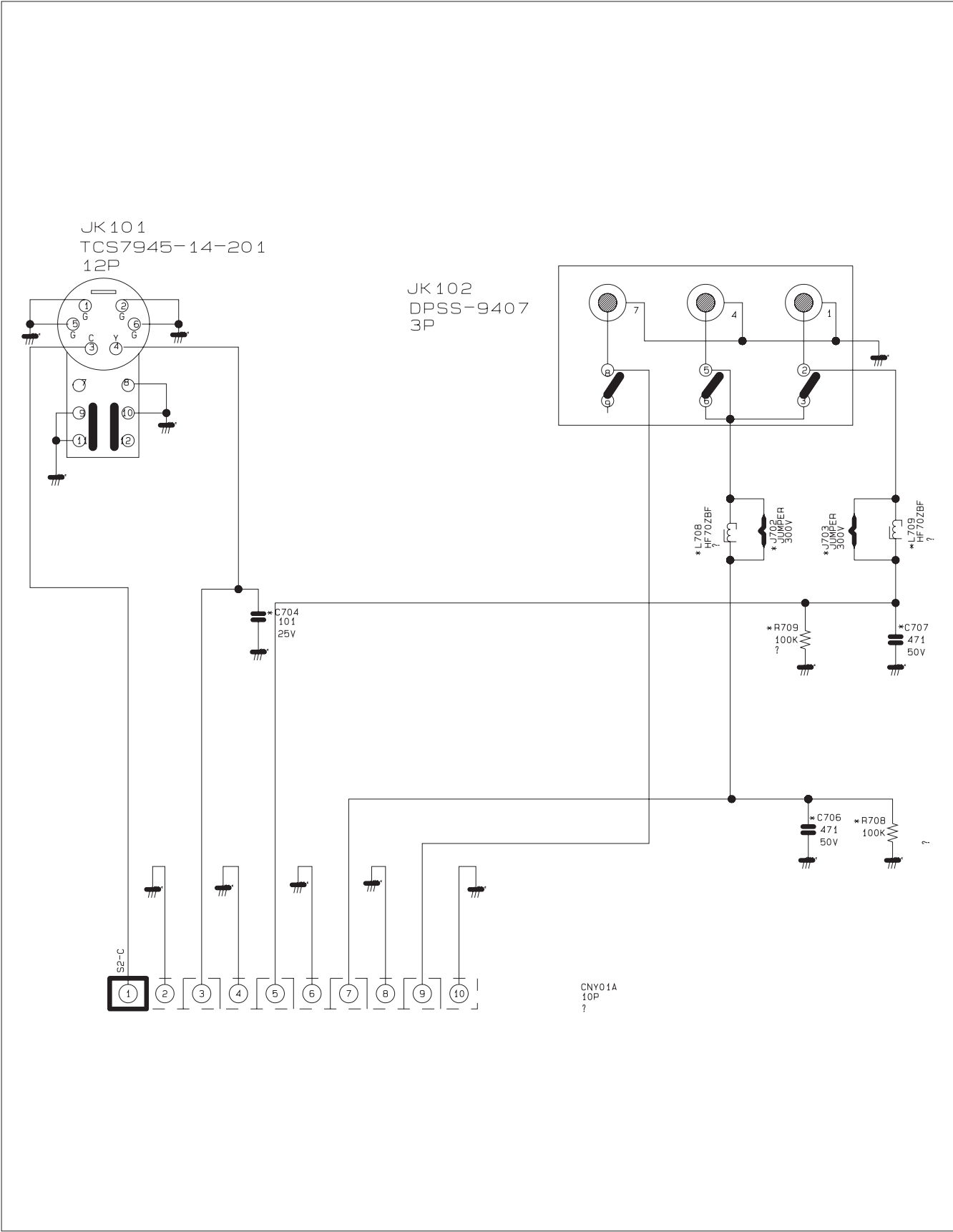
7-17 DY-Jack

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7-18 Side-AV

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7-19 Control

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